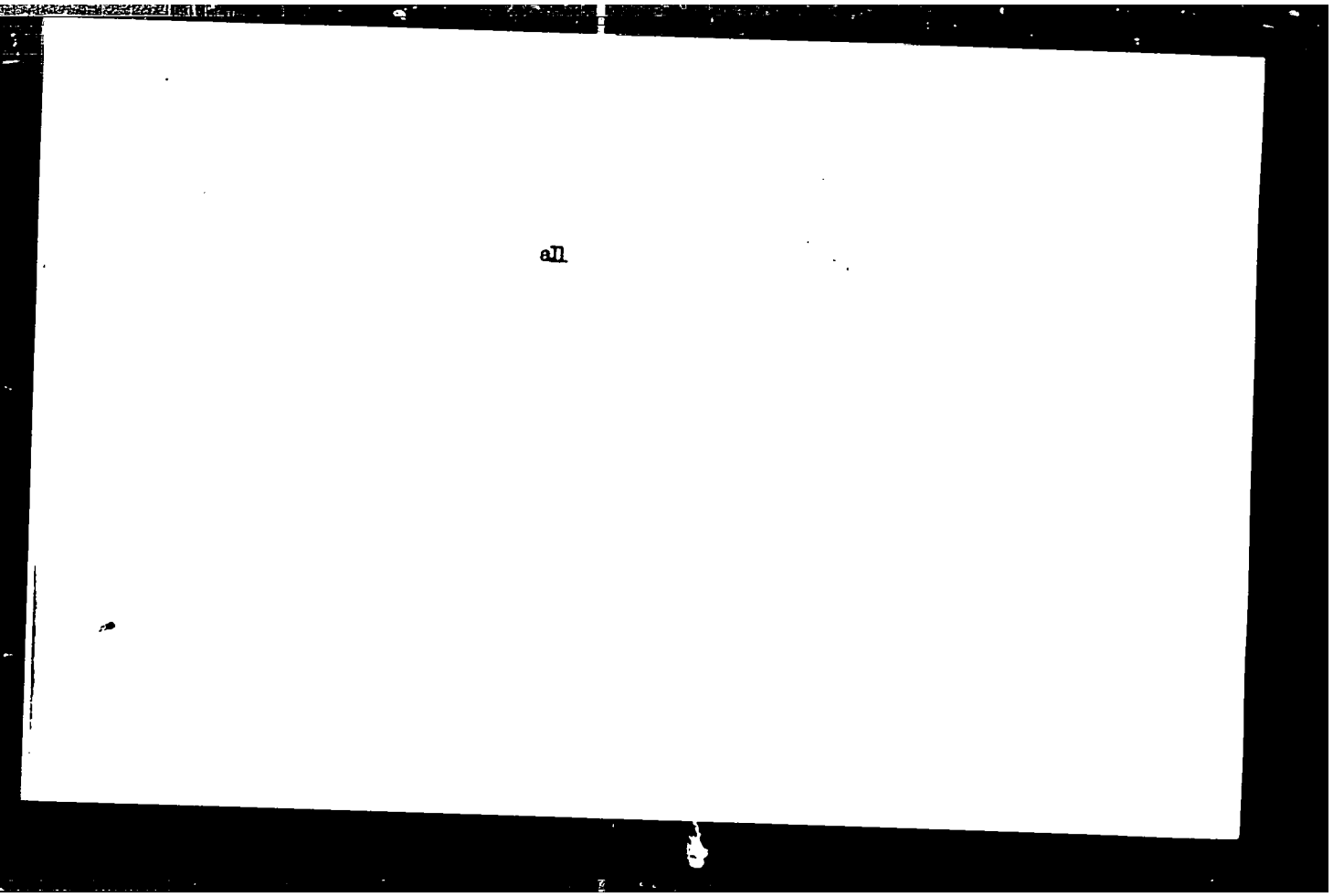
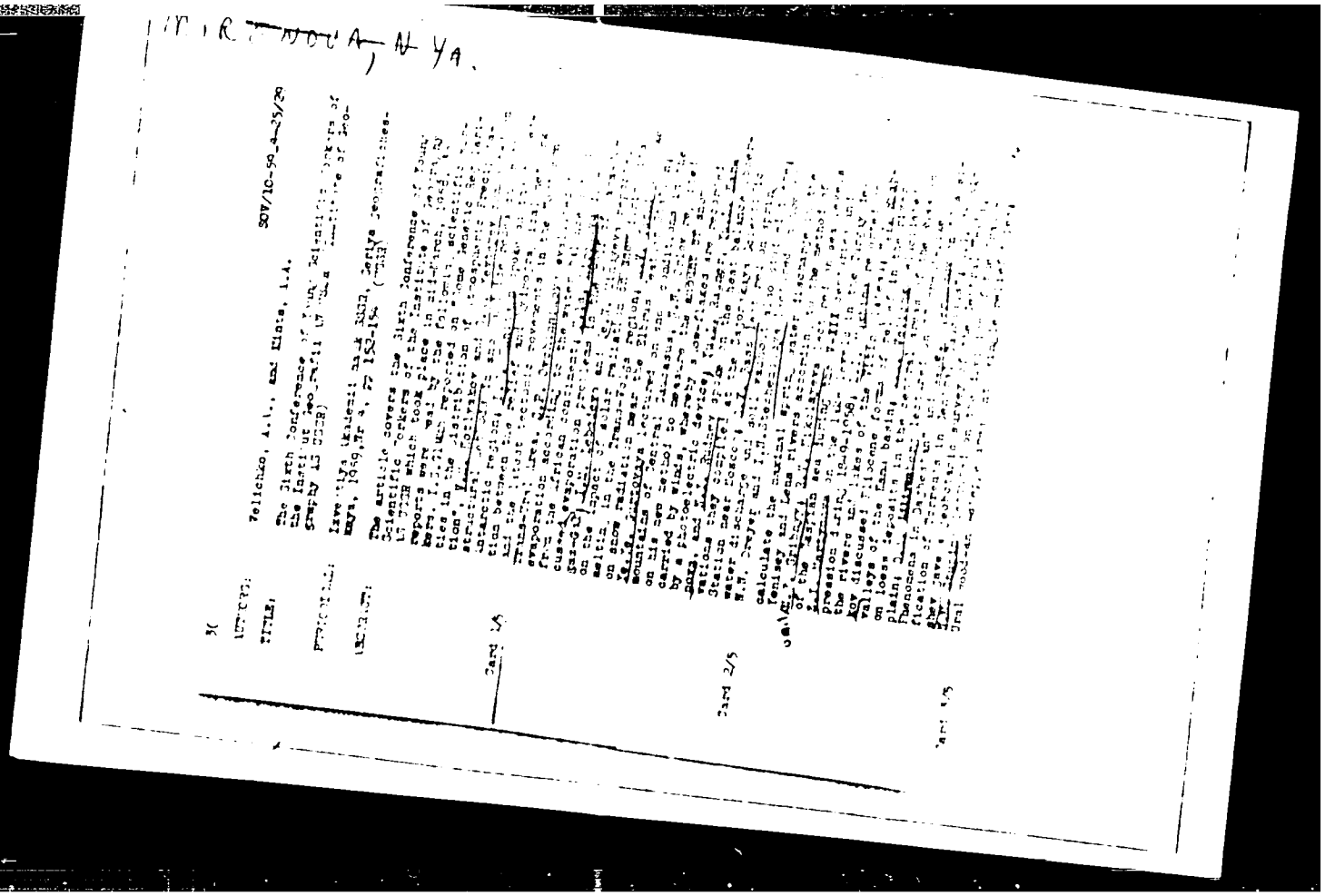
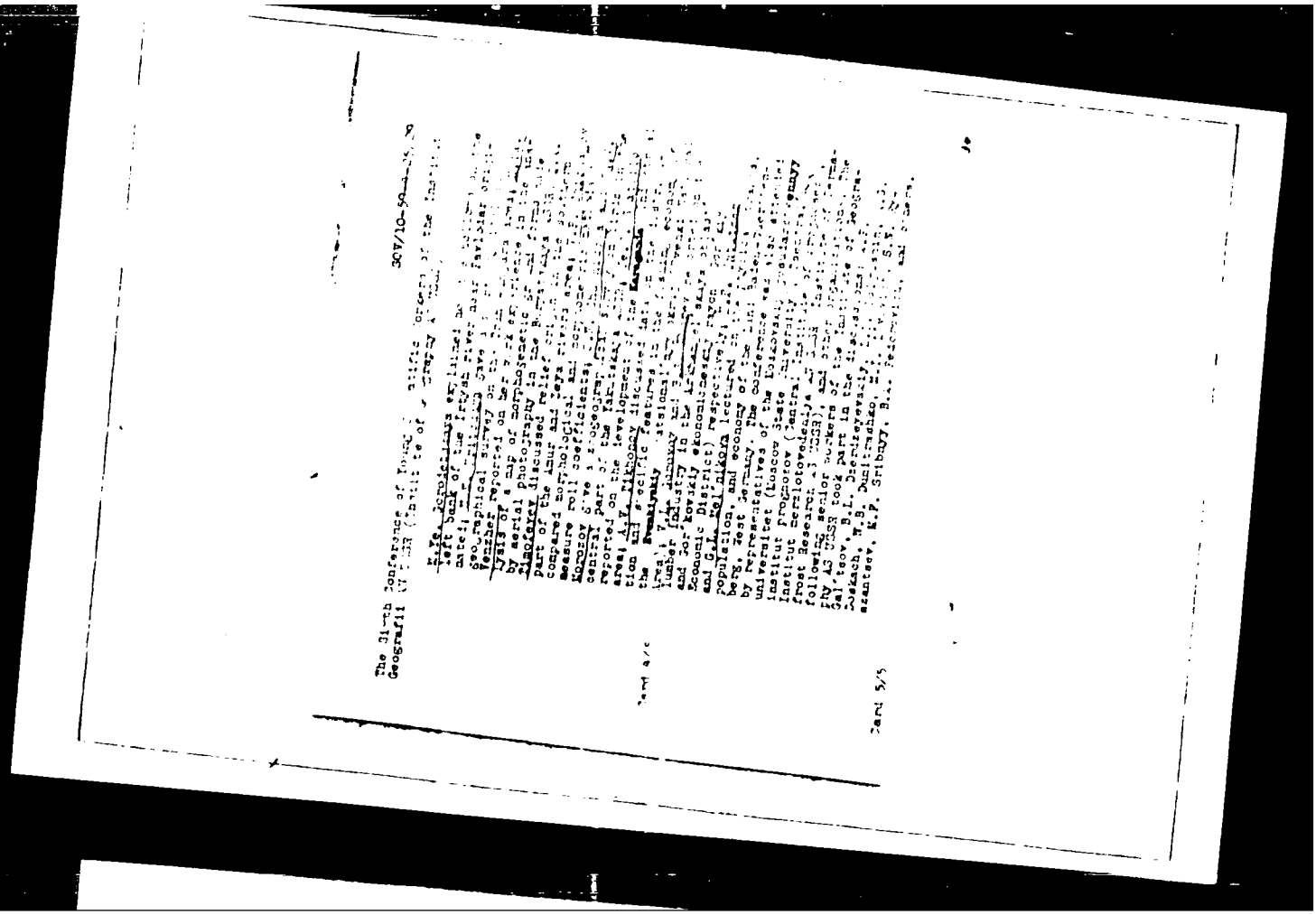


MIRONOVA, M. Ya.

Discharge into the Gulf of Kara-Bogaz-Gol and changes in the hydrological conditions of the strait and the gulf. Trudy Okean. kom. 5:146-150 '59. (MIRA 13:6)

(Kara-Bogaz-Gol (Gulf)--Hydrology)





MIRONOVA, N.Ya.

Water balance of the Kara-Bogaz-Gol Gulf. Trudy Inst. okean. 37:110-122 '60. (MIRA 14:8)
(Kara-Bogaz-Gol (Gulf))--Hydrology)

NAUMOV, G.B.; MIRONOVA, O.F.

Oxidation-reduction equilibrium in the uranium - iron system in a carbonate environment and its significance in geochemistry. Geokhimiia no.3:241-246 '60. (MIRA 14:5)

1. V. K. Vernadsky Institute of Geochemistry and Analytical Chemistry, Academy of Sciences, U.S.S.R., Moscow.
(Uranium ores)
(Iron ores)
(Oxidation-reduction reaction)

ZAYTSEV, V.G.; MIRONOVA, O.I.

Raising the octane number of automobile gasolines at a tank farm. Neftianik 5 no.3:18 Mr '60. (MIRA 14:9)

1. Saratovskiy territorial'no-tekhnicheskiy uchastok Glavtransnefteosnaba.

(Gasoline)

VENDROV, M.I.; MIROHOVA, O.I.

Rapid method of determining the cetane numbers of diesel fuel from the aniline point. Khim.i tekh.topl.i masel 5 no.10:64 O '60.
(MIRA 13:10)

(Diesel fuels)

MIRONOVA, O.F., red.

[Reliability control of products with the help of ultrasonic waves] Kontrol' nadezhnosti izdelii s pomoshch'iu ul'trazvuka. Kiev, 1964. 33 p. (MIRA 18:3)

1. Kharkov. Aviatsionnyy institut.

MIRONOVA, S.V.

Dessertation: "On the Clinical Treatment of Gunshot Wounds of the Peripheral Nerves and Their Medical Treatment in the Sochi-Matsesta Health Resort during the Postoperative Period." CAND MED SCI

30 Jun 49

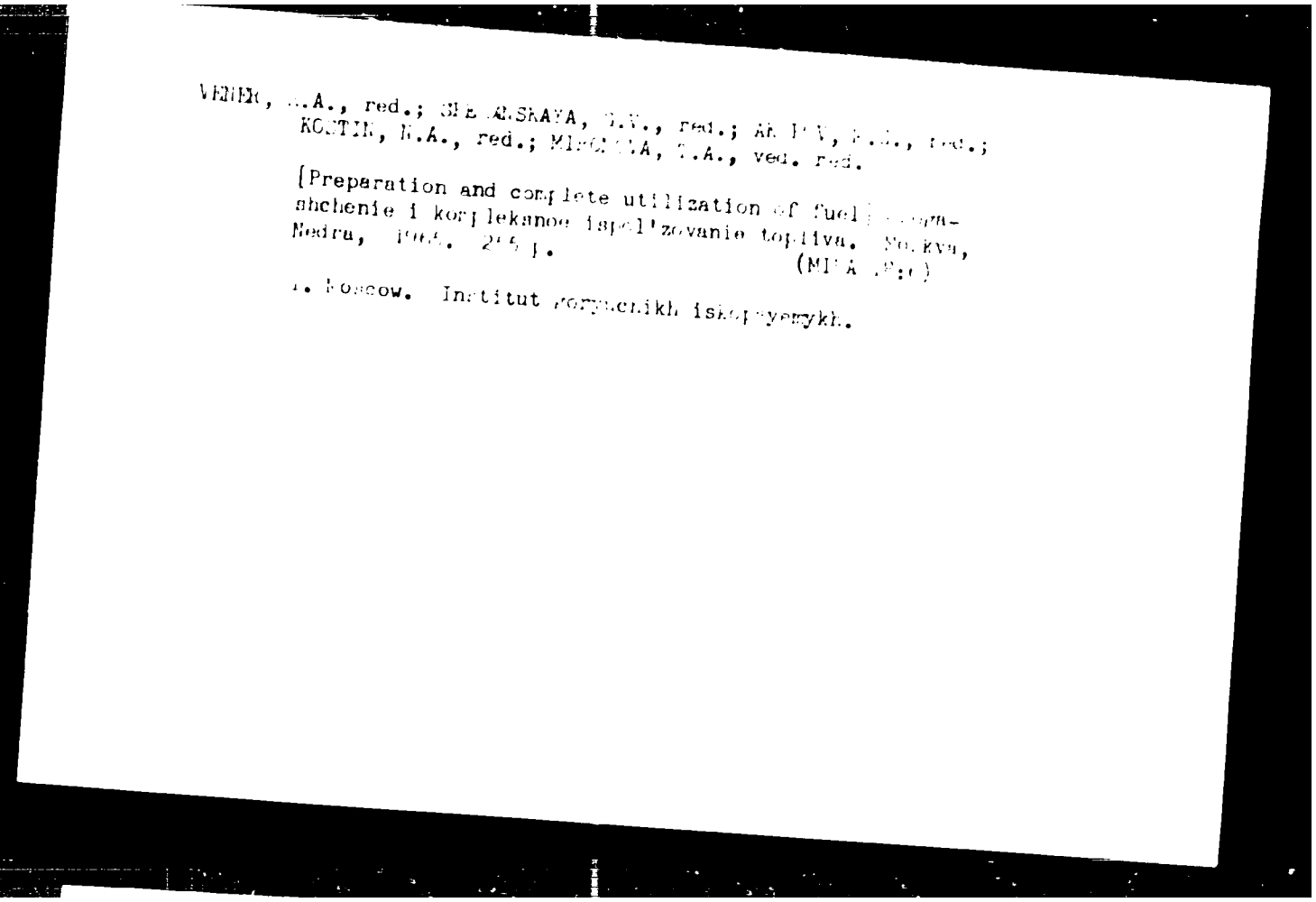
Inst of Neurology, Acad Med Sci USSR

SO Vecheryaya Moskva
Sum 71

MIRONOVA, T.A., aspirant

Diagnosis of escape of the amniotic fluid. Kaz. med. zhur. no.5:63-66 S-O'63 (MIRA 16:12)

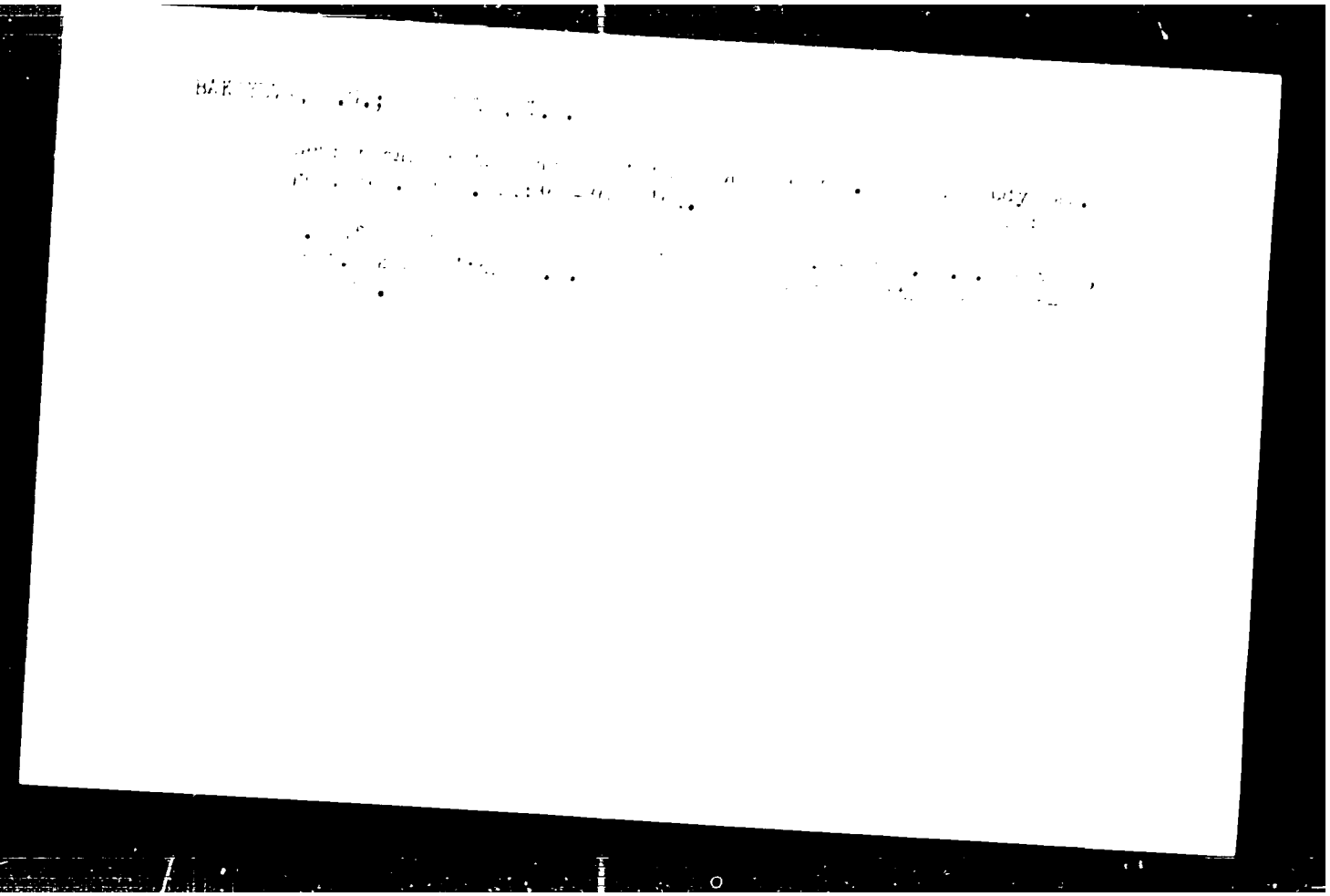
1. Pervaya kafedra akusherstva i ginekologii (zav. - prof. P.V. Manenkov, nauchnyy rukovoditel' - doktor med. nauk R.G. Bakiyeva) Kazanskogo meditsinskogo instituta.

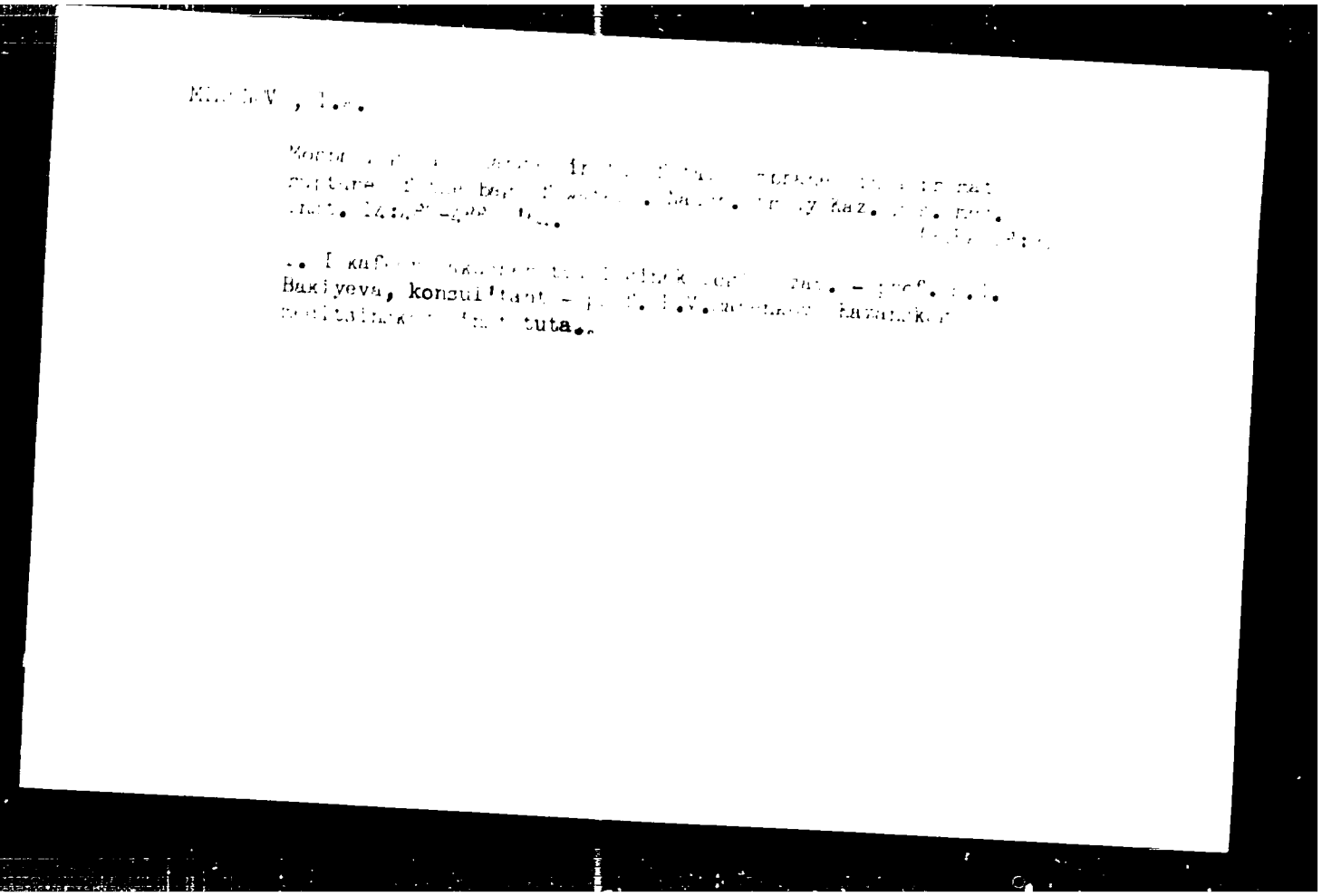


VEINB[illegible], ...A., red.; SHE...SKAYA, G.V., red.; AK...V, P.A., red.; KOSTIN, N.A., red.; MI...A, T.A., ved. red.

[Preparation and complete utilization of fuel] ...ovanie i kompleksnoe ispol'zovanie topliva. Moskva, Nedra, 1964. 245 p. (MIRA 17:6)

1. Moscow. Institut gornykh issledovaniy.



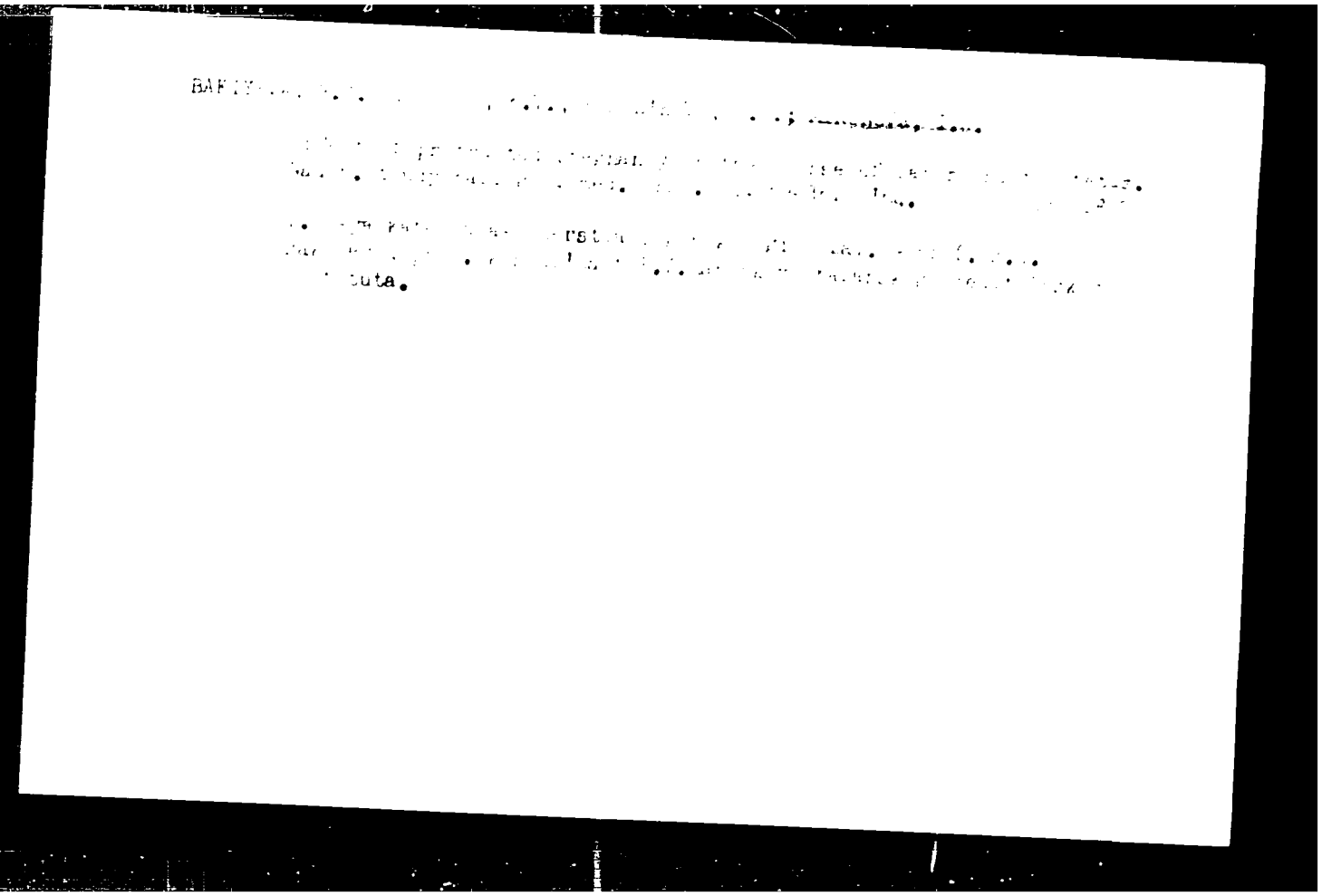


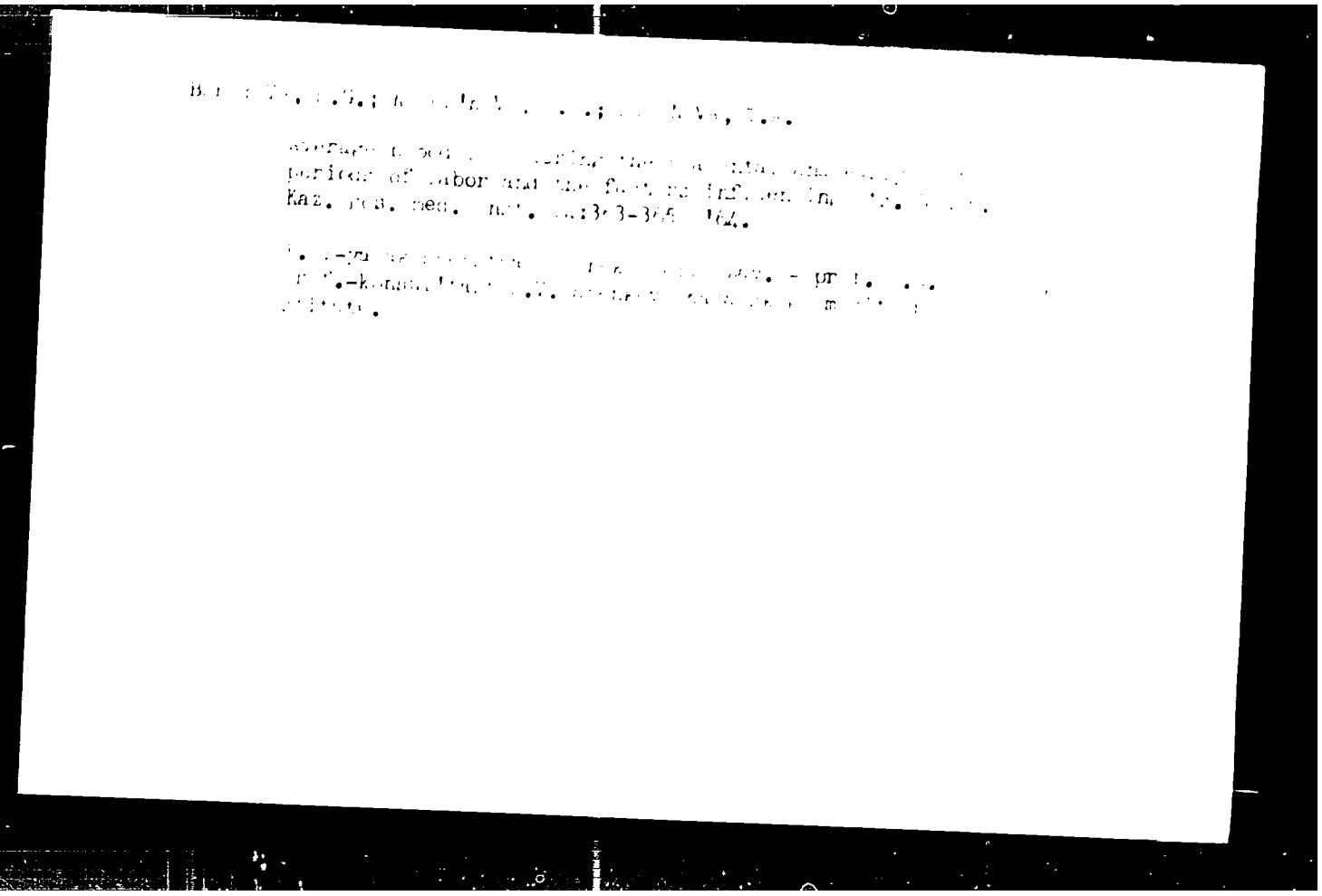
Bakiyeva, konsul'tant

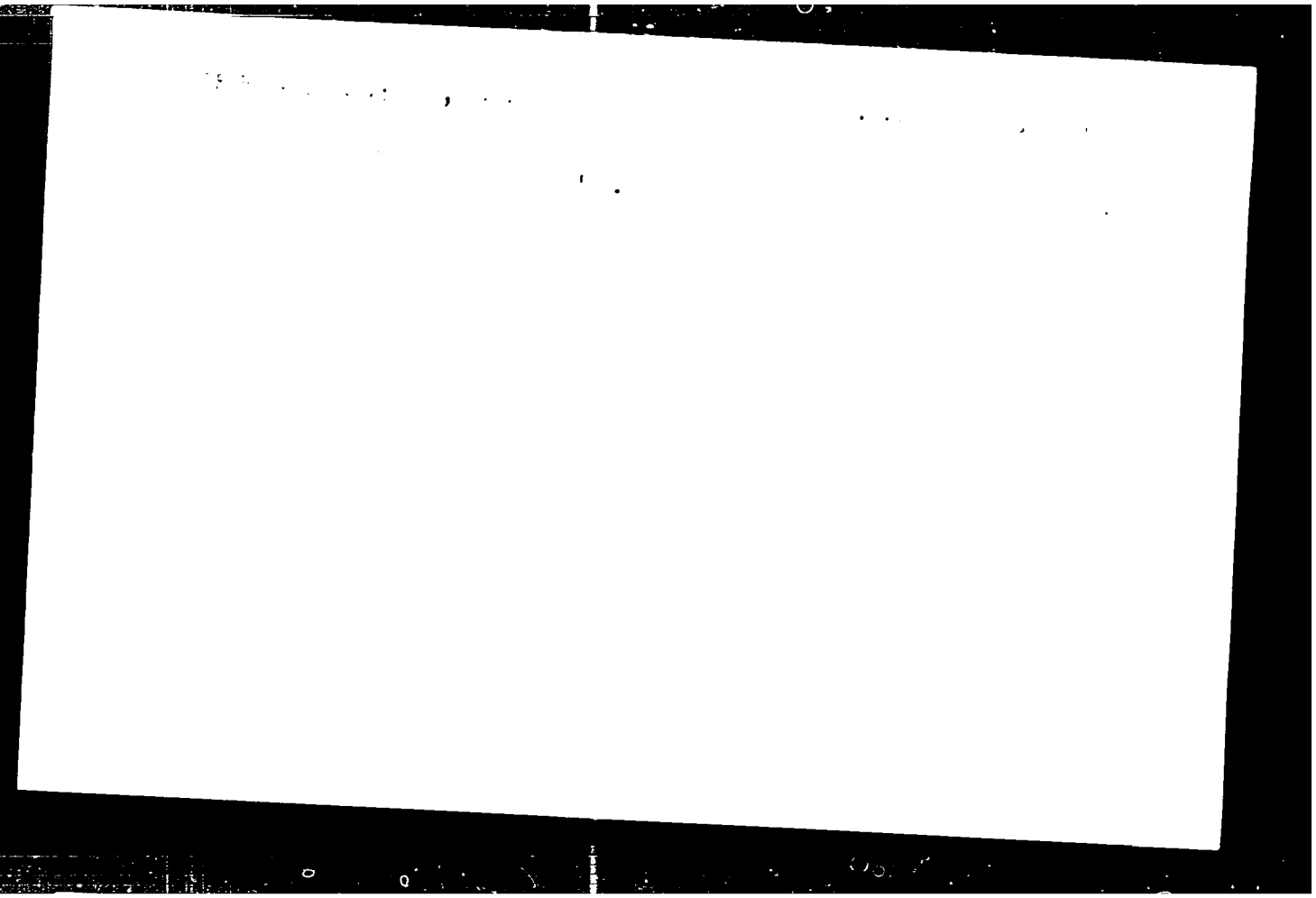
MIRONOVA, T.I.

State of the vegetative nervous system in the locomotor form of brucellosis. Sov.med. 24 no.9:114-117 S '60. (MIRA 13:11)

1. Iz kliniki nervnykh bolezney Dagestanskogo meditsinskogo instituta i Respublikanskoy klinicheskoy bol'nitsy.
(BRUCHELLOSIS) (NERVOUS SYSTEM, AUTONOMIC)







CHERKASOVA, L.S.; KUKUSHKINA, V.A.; MIRONOVA, T.M.; REMBERGER, V.G., FOMICHENKO, K.V.

Effect of mechanical stimulation of gastric receptors on metabolism. Trudy Inst. fiziol. AN BSSR 1:88-98 '56

(MLRA 10:5)

1. Laboratoriya biokhimii.
(STOMACH--INNERVATION) (METABOLISM)

USSR/Human and Animal Physiology. Digestion.

Abs Jour: Ref Zhur-Biol., No 8, 1958, 36546.

Author : Cherkasova, L.S., Kukushkina, V.A., Mironova, T.M. Reinberger, V.G., Fomichenko, K.V.

Inst : Institute of Physiology BSSR.

Title : The Effect of Mechanial Stimulation of Gastric Receptors on Metabolic Processes Under Conditions of Exclusion of Certain Areas of the Brain Cortex.

Orig Pub: Tr. In-ta Fiziol. AN BSSR 1956, 1, 180-193.

Abstract: The fasting glucose blood level (G) in dogs increased following removal of the premotor area of the cortex of the left hemisphere. Distension of the stomach prior to the operation lowered the fasting G level during the first 15 min and raised it somewhat after 30-45 minutes; following the operation, this produced

Card : 1/2

[illegible], [illegible], [illegible] "Effect of the functional [illegible] of the cerebral cortex [illegible] removal of certain [illegible] of it on the [illegible] of [illegible]hydrate metabolism." [illegible] [illegible] of [illegible] of Acad [illegible] [illegible], [illegible], 1[illegible]

USSR/Pharmacology and Toxicology - Analeptics. V-4

Abs Jour : Ref Zhur - Biol., No 21, 1956, 98482

Author : Mironova, T.M.

Inst : Institute of Physiology, AS Belorussian SSR

Title : Influence of Caffeine on Some Indexes of Carbohydrate Metabolism.

Orig Pub : Tr. In-ta fiziol. AN BSSR, 1955, 2, 229-239

Abstract : Subcutaneous introduction of caffeine benzoate (... and ... mg) in dogs increases the level of glyce... on the average by 22-32.6 mg%, and introduction of I ... quent loading with glucose by 36.5-46.2 mg% with ... preservation of increased sugar content in the ... With an increase of the dosage of I, its hyper... effect increases. Subcutaneous introduction of ... of I to rats causes ly... glycogen, compensated for by

Card 1/2

KOLESNIKOV, M.S.; GERSHBAUM, P.S.; MIRONOVA, T.M.

Limit of differentiated inhibition in rabbits of different ages. Trudy Inst.fiziol.AN BSSR 3:49-54 '59. (MIRA 13:7)

1. Laboratoriya vysshey nervnoy deyatel'nosti Instituta fiziologii AN BSSR.

(INHIBITION)

MIRONOVA, T.M.

Effect of extirpation of certain cortical zones in animals on interoceptive reflexes from the stomach as revealed by carbohydrate metabolism. Trudy Inst.fiziol. AN BSSR 3:133-139 '59.
(MIRA 13:7)

1. Laboratoriya biokhimii Instituta fiziologii AN BSSR.
(CEREBRAL CORTEX) (STOMACH--INNERVATION)
(CARBOHYDRATE METABOLISM)

MIRONOVA, T.M.; KOLLOBSKAYA, F.D.

Characteristics of the metabolism of glycogen fractions of the brain in fractional X irradiation of animals. Dokl. AN BSSR 3 no 12:57[illegible] 578 D '59. (MIRA 15:1)

1. Institut fiziologii AN BSSR. Predstavleno akademikom AN BSSR V.A.Leonovym.
(X RAYS--PHYSIOLOGICAL EFFECT) (GLYCOGEN) (BRAIN)

POLILOV, M.I.; ANDREYEVA, N.V.; MIRONOVA, T.M.; VETROVA, A.A.

Treatment of chronic lupus erythematosus with resochin in combination with pathogenic and roborant substances. Sov.med. 25 no.12:100-102 D '61. (MIRA 15:2)

1. Iz Kurskogo oblastnogo kozhno-venerologicheskogo dispansera (glavnyy vrach M.I.Polilov).
(LUPUS ERYTHEMATOSUS) (QUINOLINE)

PHASE I BOOK EXPLOITATION SOV 6156

Cherkasova, L. S., K. V. Fomichenko, T. M. Mironova, F. D. Koldobskaya, V. A. Kukushkina, V. G. Remberger

Ioniziruyushcheye izlucheniye i obmen veshchestv (Ionizing Radiation and Metabolism). Minsk, Izd-vo AN BSSR, 1962, 152 p. Errata slip inserted. 2,200 copies printed.

Sponsoring Agency: Akademiya nauk Belorusskoy SSR. Institut fiziologii.

Resp. Ed.: L. S. Cherkasova. Ed. of Publishing House: T. Zaytseva, Tech. Ed.: A. Atlas.

PURPOSE: This book is intended for physicians, biologists, biochemists, radiologists, and students of medical institutes.

COVERAGE: This monograph summarizes the results of the most recent investigations in the field of radiation biochemistry. Attention has been

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focused mainly on problems of changes and disturbances in metabolic processes in the central nervous system, the endocrine system, the gastrointestinal tract, and the liver and muscles after irradiation of the animal organism with ionizing radiation.

TABLE OF CONTENTS:

ACCESSION NR: AT3013147 S/3018/63/000/000/0589/0596

AUTHOR: Cherkasova, L. S.; Romberger, V. G.; Mironova, T. M.; Koldovskaya, F. D.

TITLE: Carbohydrate-phosphorus metabolism in the brain with total X-irradiation

SOURCE: Tret'ya Vsesoyuznaya konferentsiya po biokhimii nervnoy sistemy. Sbornik dokladov. Yerevan, 1963, 589-596

TOPIC TAGS: brain carbohydrate metabolism, brain phosphorus metabolism, carbohydrate-phosphorus metabolism, brain tissue, single X-radiation dose, fractional X-radiation dose, free glycogen, protein-bound glycogen, lipoid-bound glycogen, total glycogen, glucose-1-phosphate, glucose-6-phosphate, fructose-1.6-diphosphate, phosphopyruvic acid, carbohydrate metabolism radiation damage

ABSTRACT: The effects of single and fractional X-radiation doses on brain metabolism were investigated by determining levels of glycogen fractions (free, protein-bound, lipoid-bound, and total glycogen) and levels of carbohydrate metabolism intermediate products containing phosphorus (glucose-1-phosphate, glucose-6-phosphate, fructose-1.6-

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ACCESSION NR: AT3013147

diphosphate, and phosphopyruvic acid). Experimental white rats were X-irradiated with single total doses of 700 r (RUM-3 unit, no filter, focal length 30 cm, 38 r/min) and 40 r (RUM-3 unit, focal length 40 cm, 21 r/min). Animals were X-irradiated under the same conditions with daily 40 r fractional doses totaling 120 and 760 r. Methods for measuring glycogen fractions and products containing phosphorus are not described. Observations were made 1, 2, 5, 15, 30, 60, and 90 days after irradiation. Findings show that a single 700 r dose causes the most significant glycogen metabolism changes. With a 700 r dose glycogen accumulates in the brain between the 30th and 60th days, lipoid-bound glycogen level drops below normal on the 2nd day reaching its norm by the 60th day, protein-bound glycogen is high at all periods, and free glycogen level is unsteady. A single 40 r dose causes less marked changes with a reduction in lipoid-bound glycogen level on the 60th day and a slight decrease in protein-bound glycogen and total glycogen levels. Fractional radiation doses totaling 700 r produce relatively small changes in all glycogen fraction levels because of compensatory processes taking place after each dose. For carbohydrate metabolism intermediate products containing phosphorus, fractional doses totaling 760 r cause the most significant shifts. With fractional doses totaling 760 r, glucose-1-

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ACCESSION NR: AT3013147

and glucose-6-phosphate levels increase in the brain tissue from the 15th to the 90th days. Fructose-1.6-diphosphate level does not change during the first 15 days, decreases by the 30th day, increases by the 60th day, and then decreases again. Phosphopyruvic acid level decreases on the 60th day after irradiation but remains close to normal at all other periods. Fractional radiation doses totaling 760 r affect glycogen metabolism less than a single 700 r dose and cause more serious damage to carbohydrate metabolism intermediate products. Carbohydrate-phosphorus metabolism disorders sharply reduce the utilization of brain tissue energy substances during radiation injuries. Orig. art. has: 4 figures.

ASSOCIATION: Laboratoriya biokhimii instituta fiziologii AN BSSR, Minsk (Biochemistry Laboratory of the Physiology Institute, AN BSSR)

SUBMITTED: 00 DATE ACQ: 28Oct63 ENCL: 00

SUB CODE: AM NO REF SOV: 015 OTHER: 000

Card 3/3

L 29835-66 EWT(m)
ACC NR: AP6012873 SOURCE CODE: UR/0205/66/006/002/0179/0184

AUTHOR: Cherkasova, L. S.; Koldobskaya, F. D.; Kukushkina, V. A.; Mironova, T. M.; Remberger, V. G.; Tayts, M. Yu.; Fomichenko, K. V.

ORG: Institute of Physiology, AN BSSR, Minsk (Institut fiziologii AN BSSR)

TITLE: Effect of neutron irradiation on tissue metabolism processes

SOURCE: Radiobiologiya, v. 6, no. 2, 1966, 179-184

TOPIC TAGS: neutron irradiation, radiation biologic effect, tissue physiology, ~~animal experiment~~ BIOLOGIC METABOLISM

ABSTRACT: In order to clarify the effect of neutron bombardment on carbohydrate, energy, and protein metabolism at relatively low doses, the changes in free and bound glycogen, glucose-1-phosphate, glucose-6-phosphate, fructose-1, 6-diphosphate, triose-phosphate, phosphopyruvate, ATP, creatine phosphate, phosphorylase, amylase, succinic dehydrogenase, respiratory quotient, and protein content were determined in the central nervous system, skeletal muscle, and liver of adult white rats 15 — 30 days after total body irradiation with neutrons having energies of 0.04 — 1.35 Mev (total dose of about 13 rad in 60 min).

Card 1/2

UDC: 577.391:539.125.5

L 29835-66
ACC NR: AP6012873

While the glycogen content of the brain increased temporarily at 15 days and then decreased progressively, that of muscle decreased only at 15 days. The synthesis of bound glycogen was definitely inhibited 30 days after irradiation, and disruption of the coordination of glycogen metabolism was shown by the phosphorylase and amylase values. There were no significant changes in the phosphorylated intermediates of carbohydrate metabolism, but the reactions from glucose-6-phosphate through fructose-1, 6-diphosphate to triose-phosphate seemed to be inhibited in the brain, while that from glucose-1-phosphate to glucose-6-phosphate was accelerated in skeletal muscle. The levels of ATP and creatine phosphate were unchanged in the brain and somewhat increased in muscle. Although the changes in succinic dehydrogenase and QO_2 were insignificant, there was some increase in protein synthesis 30 days after irradiation. The neutron flux was measured by L. N. Uspenskiy and I. V. Filyushin. Orig. art. has: 5 figures and 5 tables. [08]

SUB CODE: 06 / SUBM DATE: 14Nov64 / ORIG REF: 005 / OTH REF: 004
ATD PRESS: 5013

Card 2/2

MIRONOVA, T. N. Cand. Biolog. Sci.

Dissertation: "Vitamin C in the Vegetables and Berries of the Krasnoyarsk Rayon." Second Moscow State Medical Inst imeni I. V. Stalin, 17 Nov 47.

SO: Vechernyaya Moskva, Nov, 1947 (Project #17836)

MIRONOVA,T.N.

Vitamin A content of commercial fish of the Yenisei River and of white whale fat. Vit.res. i ikh isp. no.1:222-232 '51.
(MLRA 8:12)

(VITAMINS -- A) (YENISEI RIVER--FISHES) (WHALES)

SEDOVA, K.D., kand. farm. nauk; MIRONOVA, V.A.

Study of the effect of some types of rubber [illegible] injection solutions. Report No.1. Sbor. nauch. trud. TSANII 4: 61-67 '63 (MIRA 17:3)

Study of the effect of some types of rubber on alkaline injection solutions. Report No.2. Ibid.:68-76

Study of a new type of rubber recommended for the manufacture of eye pipettes. Ibid.:77-82

1. Laboratoriya tekhnologii lekarstvennykh form i galenovykh preparatov (rukovoditel' laboratorii - kand. farm. nauk O.I.Belova) TSentral'nogo aptechnogo nauchno-issledovatel'skogo instituta.

GOSTUNSKAYA, I.V.; MIRONOVA, V.A.; DOBROSERDOVA, N.B.; KAZANSKIY, B.A., akademik

Chemical nonequivalence of active forms of hydrogen sorbed by a skeleton nickel catalyst. Dokl. AN SSSR 153 no.5:1071-1072 D '63. (MIRA 17:1)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.

BELOVA, O.I.; MIRONOVA, V.A.

Infusion apparatus with a new type of electric heating. Apt. delo 12 no.6:56-59 N-D '63. (MIRA 17:2)

1. TSentral'nyy aptechnyy nauchno-issledovatel'skiy institut.

MEN'SHOVA, N.I.; GRINENKO, G.S., MIRONOVA, V.A., MAKSIMOV, V.I.

N butylamide and piperidide of 3-(p-methoxyphenyl)-2-oxo-5-pentanone-2-carboxylic acid. Part 13. Zhur. org. khim. 1 no.8 1370-1375 Ag '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni Ordzhonikidze.

Country : USSR
Category : Farm Animals. Cattle.
Jour. Jour : Ref Zhur-Biol., No 1[illegible], 19[illegible], [illegible]

Author : Mironova, V. D.
Institut. : Alma-Ata Zoovet Primary Institute.
Title : The Effect of Stra[illegible] upon Abomasum Secretion in Calves.

Orig Pub. : Tr. Alma-Atinsk. zoovet. in-ta, 1957, 10, 509-514
Abstract : An 8-1/2 months old calf with an isolated ventricle according to the method of I. P. Pavlov was fed with a basic ration (1st experiment), containing straw which was boiled in hot water (2nd experiment), or prepared by fermentation (3rd experiment). In the 1st experiment, the average quantity of juice secreted by the calf in one hour amounted to 16.5 cm³, free HCl to 0.31, and general acidity to 0.[illegible] n/10 of alkalinity per 1 cm³, and the digestive strength

Card: 1/2

42

Country : USSR
Category : Farm Animals. Cattle.
Abs. Jour : Ref Zhur-Biol., No 16, 1957, 7413
Author : Mirorova, V. D.
Institut. : Alma-Ata Zooveterinary Institute
Title : The Effect of Silage upon the Abomasum Secretion in Calves.

Orig. Pub. : Tr. Alma-Atinsk. zoovet. in-ta, 1957, 10, 515-519

Abstract : An 1 1/2 months old calf of the Alatauskaya breed with a ventricle isolated according to the procedure of I. P. Pavlov was fed the usual rations (bran, beets, alfalfa hay) (1st experiment); the usual rations + 150 g of corn silage (2nd experiment); the usual rations + 300 g corn silage (3rd experiment). In the 1st experiment, the average quantity of juice secreted during 6 hours of observation amounted to 7.9 cm³; free HCl amounted to 0.35, and gene-

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42

MIRONOVA, V.D.

Effect of acidophilic silage from corn on the abomasum secretion in calves. Izv. AN Kazakh. SSR. Ser. biol. nauk 2 no.6 58-63 N-D '64. (MIRA 18:3)

GAL'PERIN, Ye.I.; KRASIL'SHCHIKOVA, G.A.; MIRONOVA, V.I.; FROLOVA, A.V.

Techniques in using stereographic projections for solving three-dimensional problems in geometrical seismology. Prikl. geofiz. no.18: 3-29 '58. (MIRA 11:5)

(Seismometry) (Projection)

NEPROCHNOV, Yu.P.; NEPROCHNOVA, A.F.; [illegible]; MIRONOVA, V.I.; BOKUN, R.A.; CHEKUNOV, A.V.

Recent data on the crustal structure of the Black Sea trough, south of the Crimea. Dokl. AN SSSR 156 no. 3:561-564 '64. (MIRA 17:5)

1. Predstavleno akademikom D.I.Shcherbakovym.

SMAN, P.S.

MIRONOVA, V. I.

BOOK EXPLOITATION S/

SSSR. Institut fiziki zemli im. O. Yu. Shmidta

... of the earth's crust in the zone of transition from the ... of ... to the Pacific ... (Stroyeniye ... noy kory v ... ot Azi... Moscow, Izd-vo ... 307 p. ..., biblio., folding charts (in ... folio). ... slip in... 1200 ... Yu. I. Gal'perin, I. P. ... ya; ... I. Kosarskiy; Technical editor ... V. ..., S. G. ...irova

TOPIC TAGS: area seismic sounding, earth crust, geophysics, international geophysical year, ocean, seismic wave

PURPOSE AND COVERAGE: This monograph is devoted to ... of deep ... in the zone of transition from ... to ..., the Kurile peninsula, ... (IGY). The material ... collection of ... chapters, although all are devoted to a single problem ... are

Card 1/4 3

essentially parts of one book. The authors express their gratitude to Professor V. V. Fedynskiy, Chairman of the working subgroup of the Sovetskiy National'nyy Komitet, initiator and organizer of complex geophysical research, and also to Corresponding Member of the Academy of Sciences of the USSR V. V. Belousov. The concluding chapter was prepared by A. G. Aver'yanov, P. S. Vertsman, Ye. I. Gal'perin, S. M. Zverev, and I. P. Kosminskaya.

TABLE OF CONTENTS:

L 58726-65 EWT(1)/EWA(h) Peb GS/GW

ACCESSION NR: AT5020282 UR/0000/65/000/000/0051/0083

AUTHOR: Neprochnov, Yu. P.; Neprochnova, A. F.; Mironova, V. I.; Zverev, S. M. 24 B+1
(Candidate of geological and mineralogical sciences)

TITLE: Deep seismic sounding of the earth's crust in the central part of the Black Sea basin

SOURCE: Akademiya nauk SSSR. Institut fiziki Zemli. Voprosy metodiki glubinnogo seysmicheskogo zondirovaniya. Moscow, Izd-vo "Nauka", 1965, 51-83

TOPIC TAGS: seismography, seismology

ABSTRACT: Results are presented for marine seismic investigations of the earth's crust carried out in 1961 in the Black Sea south of the Crimea by a group of seismologists from IFZ, the Institute of Oceanology of the Academy of Sciences USSR, the All-Union Scientific Research Institute of Geophysics, and the Institute of Geophysics of the Academy of Sciences of the Ukrainian SSR. Multichannel registration equipment, generally used for operations on dry land, was employed to register observations. Recommendations made by the authors for future marine seismic operations include suggested improvements in equipment, spacing of stations, better utilization of

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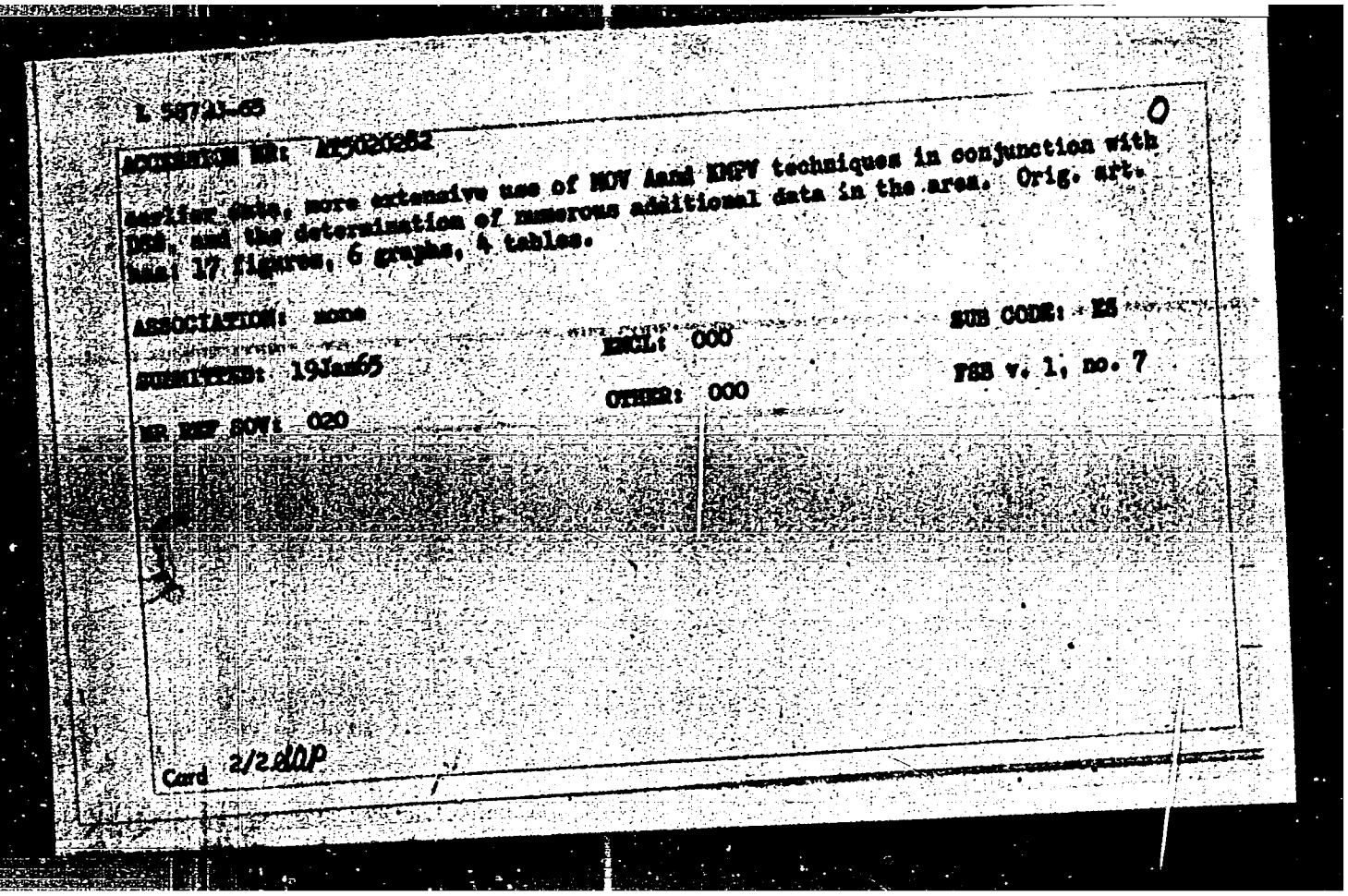


L 5971-65

ACCESSION NR: AP5020252 O

ABSTRACT: more extensive use of HOV and HMPV techniques in conjunction with DSS, and the determination of numerous additional data in the area. Orig. art. has: 17 figures, 6 graphs, 4 tables.

ASSOCIATION: none

SUBMITTED: 19Jan65 ENCL: 000 SUB CODE: ES

NR REF SOV: 020 OTHER: 000 FSS v. 1, no. 7

Card 2/2 dOP

L 58727-65 EWT(1)/EWA(h) Peb GS/GW

ACCESSION NR: AT5020283 UR/0000/65/000/000/0084/0096

AUTHOR: Zverev, S. M. (Candidate of geological and mineralogical sciences); Mironova, V. I.; 18 B+1

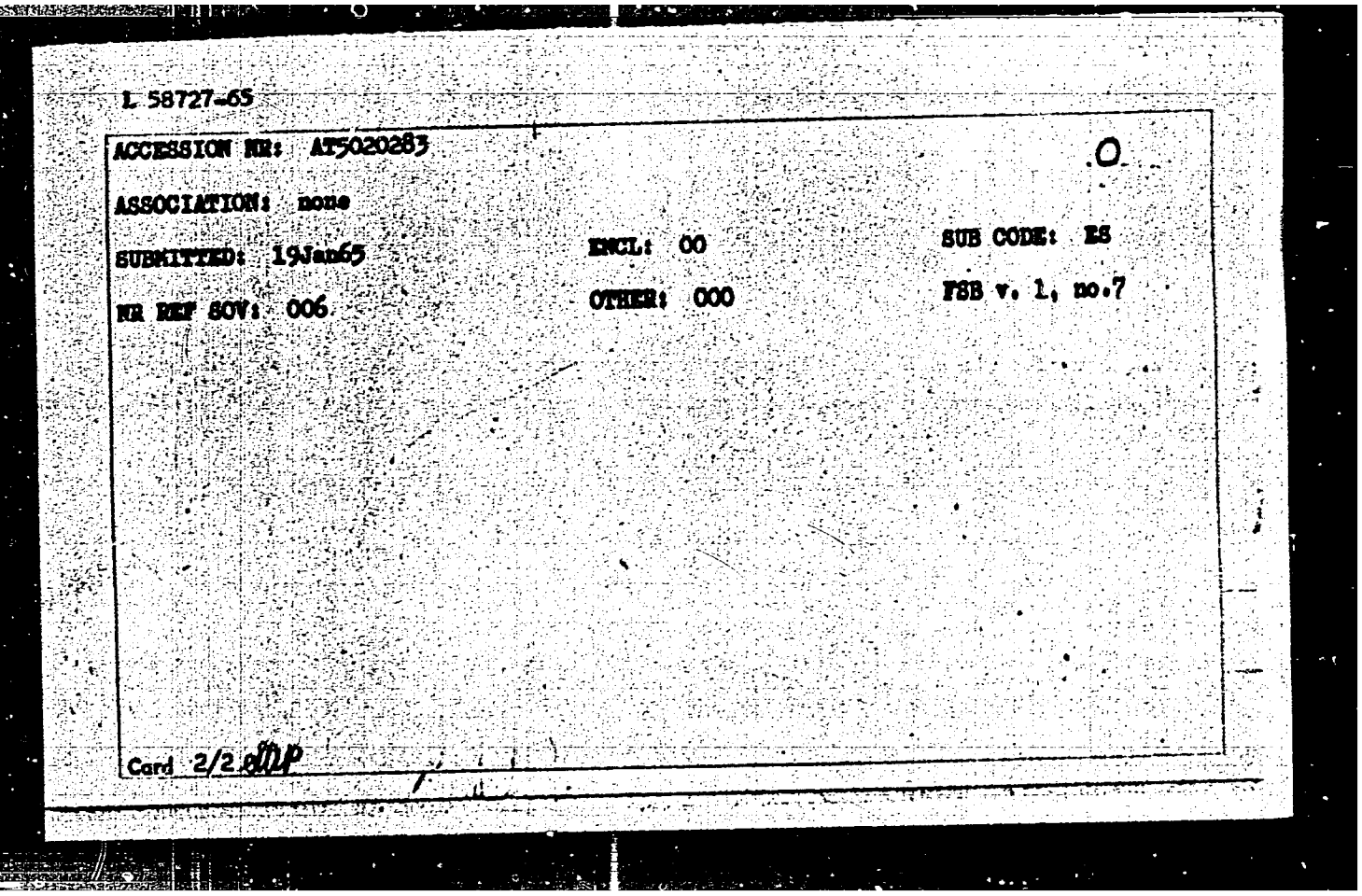
TITLE: Some results of the registration of explosions with regional seismic stations during deep seismic sounding on the Black Sea

SOURCE: Akademiya nauk SSSR. Institut fiziki Zemli. Voprosy metodiki glubinnogo seysmicheskogo zondirovaniya. Moscow, Izd-vo "Nauka", 1965, 84-96

TOPIC TAGS: seismic wave, seismography

ABSTRACT: The emphasis of this paper is on the interpretation of the amplitude curves of P^0 waves recorded along a DSS profile in the Black Sea off Yalta and Alushta. Anomalous damping of primary waves is attributed to additional energy absorption in the epicentral zone of Crimean earthquakes and the supposition that the sources of the "ground" waves are located on the shelf and slopes of the deep-water basin. Orig. art. has: 2 figures, 10 graphs.

Card 1/2



L 58727-65

ACCESSION NR: AT5020283 .O.

ASSOCIATION: none

SUBMITTED: 19Jan65 ENCL: 00 SUB CODE: ES

NR REF SOV: 006 OTHER: 000 FSB v. 1, no.7

Card 2/2 ATP

L 13840-66 EWT(1)/EWA(h) GW

ACC NR: AR6000816 SOURCE CODE: UR/0169/65/000/009/G022/G023

SOURCE: Ref. zh. Geofizika, Abs. 9G188

AUTHOR: Zverev, S. M.; Mironova, V. I.

TITLE: Some results of deep seismic sounding recordings by regional seismic stations on the Black Sea

CITED SOURCE: Sb. Vopr. metodiki glubin. seysmich. zondirovaniya. M., Nauka, 1965, 84-96

TOPIC TAGS: seismic prospecting, seismic wave, seismology

TRANSLATION: The authors analyze data for explosions recorded on deep seismic sounding profiles of the Black Sea area by regional seismic stations at Yalta and Alushta. It is shown that equipment with an amplification of 30,000 comes close to deep seismic sounding equipment with respect to effective sensitivity and recording range, although the time service accuracy is rather low as is the scanning speed of the paper in seismologic stations. Three-component stations showed that waves generated by explosions during deep seismic sounding at sea have predominant vertical

Card 1/2 UDC: 550.340.17

L 13840-66

ACC NR: AR6000816

components only in the region of first arrivals. Constant amplification in the seismologic channels was useful for plotting the average dynamic wave characteristics. Intense waves were recorded which showed several features similar to surface waves. It is possible that these are "associated" waves generated in shelf deposits by acoustic waves when they approach the deep side of an underwater ravine. It is pointed out that there is a relationship between the increased attenuation of waves passing through the epicentral zone and an increased number of epicenters. It is shown that it would be advantageous to combine various modifications of seismic methods in studying the crustal structure.

SUB CODE: 08

Card 2/2

MIRONOVA, V.M.; TAFIPOL'SKIY, I.F.

Information storage and retrieval system for superimposed punched cards on electric machines. NTI no.5:17-21 '65. (MIRA 18:7)

S/190/60/002/007/004/017
B020/B052

AUTHORS: Mironova, V. N., Zharkov, V. V.

TITLE: Quantitative Determination of the Residual Monomer in Polystyrene by Ultraviolet Absorption Spectra

PERIODICAL: Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 7, pp. 1013-1014

TEXT: In the investigation of the polymerization kinetics with high degrees of conversion it is necessary to determine very low concentrations of the residual monomer quantitatively. The spectrophotometric method therefore seems to be suited best. The so-called "basis line method" was applied for measuring the optical density of the components. If the optical density of styrene with a wavelength of 292 mμ is to be measured by this method, the basis line connects those points of the absorption curve which correspond to wavelengths 288 and 297 mμ. Polystyrene does not affect the determination of the monomer, since its optical density determined by this method equals zero. This supposition was applied in working out a method for the determination of the residual monomer in foam

Quantitative Determination of the Residual Monomer in Polystyrene by Ultraviolet Absorption Spectra

S/190/60/002/007/004/017
B020/B052

polystyrene, and styrene-methyl methacrylate-copolymers. Before polymerization, gas formers ($(NH_4)_2CO_3$, Na_2CO_3, $NaHCO_3$, and isobutyric acid dinitrile) were added to styrene and methyl methacrylate during the production of copolymers. Silicone oils were also added. The absorption was measured by the CФ-4 (SF-4) quartz spectrophotometer. Benzene was used as solvent for cryoscopic purposes. The solution layer in the cuvettes was 1.0 cm thick, and the slit of the spectrophotometer was 0.25 mm wide. The calibration curve for the concentration range of 0.02 to 0.10 g/l was drawn with a styrene solution in benzene. The dependence of the optical density of the benzene styrene solution on concentration is expressed by the equation C = D/(K.l) with D denoting the optical density, l the cuvette thickness, C the concentration, and K the absorption coefficient (in this case 3.75 ± 0.05 l/g.cm). The absorption curves of styrene and polystyrene are given in a figure. The accuracy of the method applied is ±1.5%. There are 1 figure and 4 references: 1 Soviet and 3 US.

Card 2/3

Quantitative Determination of the Residual Monomer in Polystyrene by Ultraviolet Absorption Spectra

S/190/60/002/007/004/017
B020/B052

ASSOCIATION: Vladimirskiy nauchno-issledovatel'skiy institut sinteticheskikh smol (Vladimir Scientific Research Institute of Synthetic Resins)

SUBMITTED: March 7, 1960

Card 3/3

USHAKOVA, A.G.; ZHARKOV, V.V.; MIRONOVA, V.N.

Quantitative determination of the reaction products obtained in the preparation of butyric anhydride. Zav. lab. 29 no.6: 699-701 '63. (MIRA 16:6)

1. Vladimirskiy nauchno-issledovatel'skiy institut sinteticheskikh smol.
(Butyric anhydride) (Spectrum, Infrared)

DZUGUTOV, M. Ya.; VAKHTANOV, B.F., Prinimali uchastiye: KULTYGIN, V.S.; MIRONOVA, V.P.; GUS'KOVA, L.V.

Effect of conditions of deformation and subsequent heat treatment on the properties of the EI437B alloy. Kuz.-shtam. proizv. 3 no.3:3-7 Mr '61. (MIRA 14:6)

(Nickel alloys)
(Forging)

LARINA, V.A.; NIKULINA, [illegible], MIRONOVA, V.P.

Catalytic properties of clays of the Irkutsk Province. Report No.2: Catalytic cracking of the fraction (200-320°) of Siberian petroleum. Izv. Fiz.-khim. nauch.-issl. inst. Irk. un. 5 no.1: 149-156 '61. (MIRA 16:8)

(Irkutsk Province--Clay) (Cracking process)
(Catalysis)

AVDUYEVSKAYA, K.A., TANANAYEV, I.V., MIRONOVA, V.S.

Reaction of GeO_2 with KH_2PO_4 solutions. Izv. AN SSSR. Neorg. mat. 1 no. [illegible] 894-899 '65. (MIRA 18:8)

1. Institut obshchey i neorganicheskoy khimii imeni N.S. Kurnakova AN SSSR.

MOSKALENKO, S.I.; GABOVICH, M.S.; BACHINSKIY, Yu.V.; TOMILIN, A.V.; MEDVEDEV, P.M.; LOMAKOVA, M.M.; GOLOVKOV, P.D.; GAYDUKOV, G.I.; ALEYNIKOV, V.V.; STEMIN, N.D.; MIROMOVA, V.V.; BELAVINTSEVA, Ye.S.; TSVETSINSKIY, S.Z.; MECHKEPURNYY, P.; KOBZAR', M.K.; ROZHNOVA, Ye.S.; PELETMINSKIY, V.N.; GORDEYCHUK, V.K.; SHMERIGO, V.F.; KISLYUK, N.

Fifty years in the sugar industry. Sakh.prom. 33 no.2:18 F '59. (MIRA 12:3)

(Shtepan, Georgii Viacheslavovich, 1888-)

TIKHOMIROV, V.I.; LEVIN, B.V.; MIRONOVA, V.V.; SOLOVAYA, V.M.

Precipitation of peroxide compounds of zirconium from sulfuric acid solutions. Zhur. neorg. khim. 7 no.8:1860-1868 Ag '62. (MIRA 16:6)

1. Institut obshchey i neorganicheskoy khimii imeni N.S. Kurnakova AN SSSR.
(Zirconium compounds) (Peroxides)

L 58975-65 EWP(e)/EPA(s)-2/EWT(m)/EPF(c)/EPR/EWP(j)/T Pc-4/Pr-4/Ps-4/Pt-7
RM/WW

ACCESSION NR: AP5014698 UR/0191/65/000/006/0062/0064

AUTHOR: Vitenberg, A.R.; Dudina, Yu. D.; Mikhaylova, Z.V.; Mironova, V.V.

TITLE: Properties of fiberglass reinforced plastics of high transparency

SOURCE: Plasticheskiye massy, no. 6, 1965, 62-64

TOPIC TAGS: fiberglass reinforced plastic, transparent plastic, glass filler, sizing agent, binder, polyester resin, polymer stability

ABSTRACT: The authors studied the influence of various types of glass fillers, sizing agents, and binders on the light transmission and properties of highly transparent fiberglass reinforced plastics. In the preparation of the latter, PNM-8 and PNM-2 polyester resins were employed. A study of light transmission made with a spherical photometer showed that the presence of a paraffin or polyvinyl acetate sizing agent decreases the transparency of the material in all cases, regardless of the filler used, whereas the presence of glass cloth increases it considerably. The use of a glass mesh of loose structure is highly recommended, particularly if its paraffin content is low. The light transmission also depends on the curing system employed and it decreases in the following order of such systems: cyclohexanone peroxide + NK accelerator; methylethyl ketone peroxide + NK accelerator; benzoyl peroxide + dimethylaniline. The

Card 1/2

L 58975-65

ACCESSION NR: AP5014698

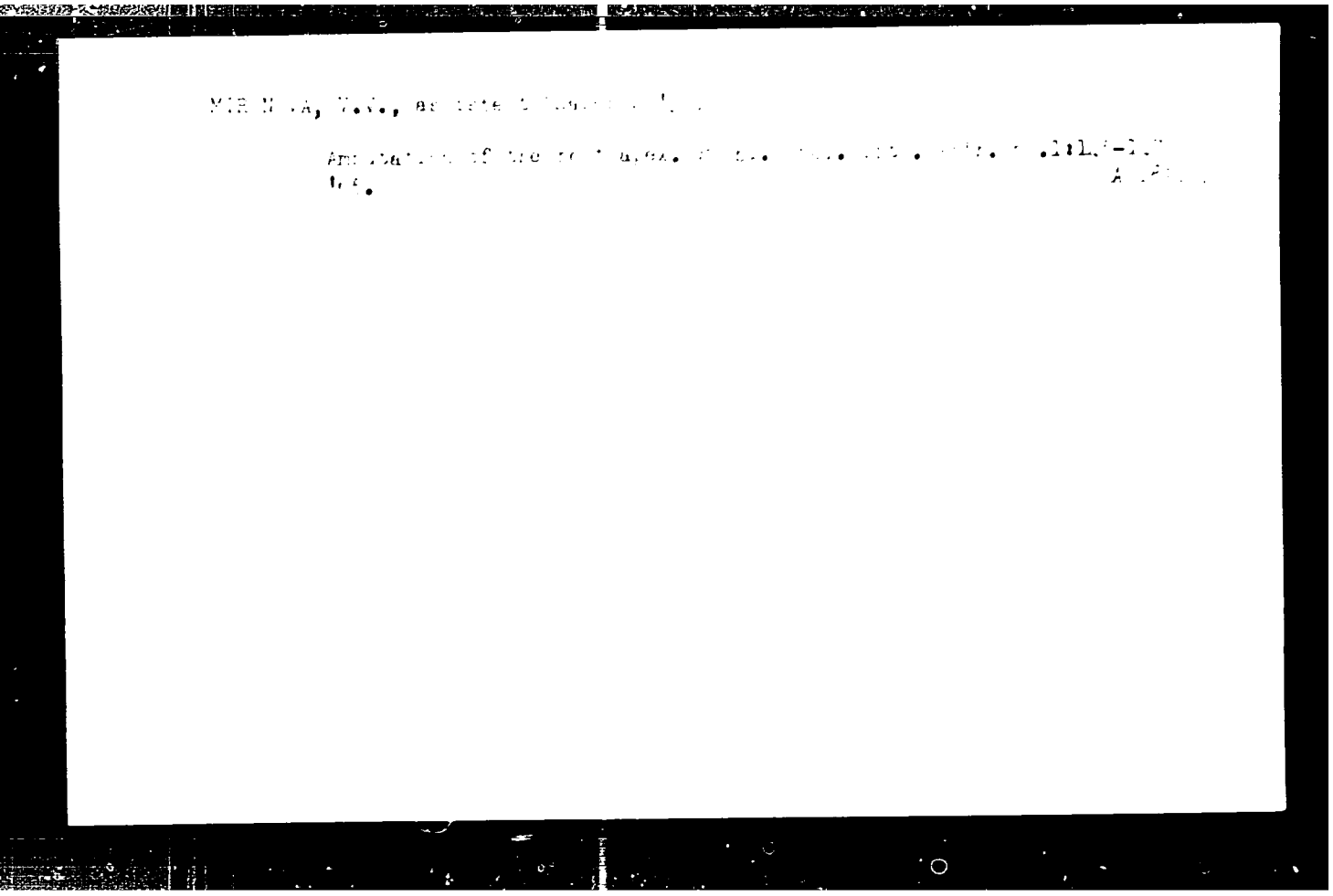
stability of the fiberglass reinforced plastics to water, light, and the atmosphere was also studied. It is concluded that the plastics prepared by using PNM-8 and PNM-2 resins are characterized by a high transparency (70-80%), good physicomechanical properties, and a satisfactory resistance to the effect of the atmosphere and light, and can be used as transparent panels in construction. "L.A. Samburova took part in the experimental work." Orig. art. has: 2 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: MT

NO REF SOV: 000 OTHER: 004

Card 2/2 dm



MIKHAYLOV, M.V.; MAYBORODA, V.I.; KARGIN, V.A.; MIRONOVA, Ye....; BALANDINA, I.N.

New data on the kinetics of the ripening of viscose. Colloid.J. (U.S.S.R.) 14, 61-9 '52 [in English].
(CA 47 no.19:10221 '53)

MIRONOVA, Ye. A.

USSR/ Chemistry - Spectral analysis

Card 1/1 Pub. 43 - 66/97

Authors : Britske, M. E.; Gerken, E. B.; Zdanovich, I. D.; Ivantsov, L. M.; Kafanova, T. A.; Malinina, V. I.; Mironova, E. A.; and Polyakova, V. V.

Title : Spectrographic determination of admixtures in Pb, crude lead, water jacket slag and certain powders

Periodical: Izv. AN SSSR. Ser. fiz. 18/2, 283-284, Mar-Apr 1954

Abstract : Report is presented on a complex of methodical works conducted by the State Scientific Research Institute of Non-Ferrous Metals on the determination of admixtures in lead, crude lead, waterjacket slag and certain powders by means of spectrographic methods. The results obtained in these experiments are tabulated. Tables.

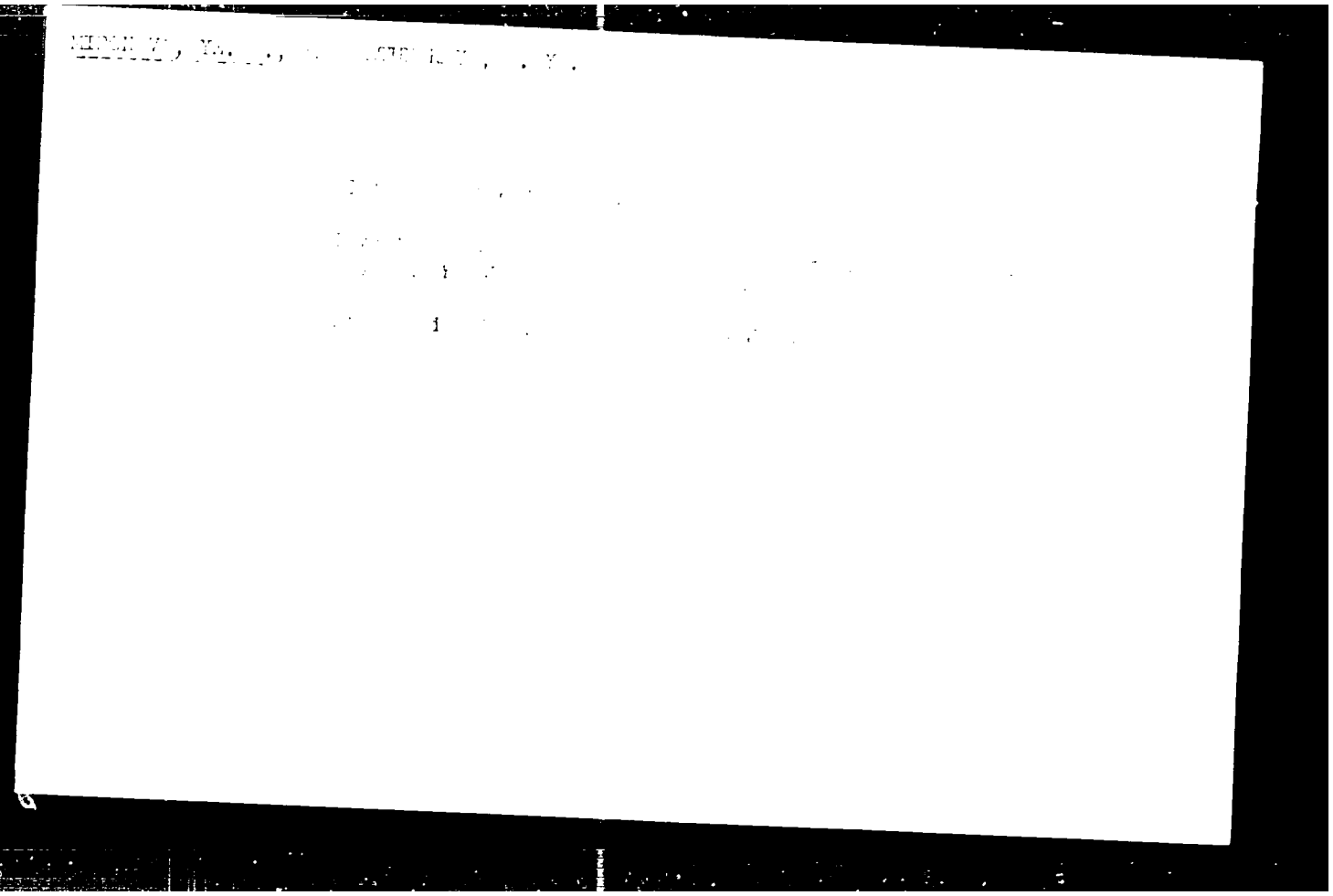
Institution: State Scientific Research Institute of Non-Ferrous Metals.

Submitted : .....

OMST YAKOVA MIRONOVA, Ye.A.

Oxidation of aromatic hydrocarbons with oxygen. [illegible], P. V. Ivanov, M. V. Chistyakova, and Ye. A. Mironova. Vestnik Moskov. Univ. 10 No. 8, Ser. Fiz.-[illegible] Estestven. Nauk No. 5, 77-81(1955).—$Ph(CH_2)_2Ph$ (I) and $Ph(CH_2)_4Ph$ (II) were exposed to O 3 hrs. at 175° at the rate of 6 l./hr. Among the products of oxidation of I (total 23%) were CO_2, BzOH, AcOH, and small amts. of PhOH and glutaric acid. The oxidation products of II (total 42.5%) included H_2O, CO, CO_2, neutral tars, and traces of PhOH and adipic acid. It must be assumed that the reaction proceeds via the cleavage of the intermediate α,α'-dihydroperoxide at the C atoms in α,α'-positions to the Ph nuclei. The total oxidation products of $(PhCH_2)_3CH$ at 175°, 3 and 6 hrs., and at 205°, 3 hrs., resp., were 7, 19, and 20% and of $(PhCH_2CH_2)_3CH$ (III) 34, 68, and 64%, resp.; the absence of even traces of PhCH at the lower temp. indicates the firmness of the bond; increasing the temp. or duration did not change the direction of the reaction; only a small amt. of PhOH was formed after 6 hrs., none formed after 3 hrs. at 205°. There were more tars in the oxidation of III.

H. Gutoff



MAYSTRENKO, S. (Kiyev); MIRONOVA, Ye. (Kiyev)

Reconstruction and building of vegetable warehouses. Sov. torg. 36 no.8:36-37 Ag '63. (MIRA 16:11)

1. Rukovoditel' laboratorii plodov i ovoshchey Ukrainskogo nauchno-issledovatel'skogo instituta torgovli i obshchestvennogo pitaniya (for Maystrenko). 2. Starshiy inzh. laboratorii plodov i ovoshchey Ukrainskogo nauchno-issledovatel'skogo instituta torgovli i obshchestvennogo pitaniya (for Mironova).

SIL'VESTROV, S.I.; LISICHEK, Ye.N.; MIKHNOVA, Ye.A.; [illegible], K.M.; ARMAND, D.L., doktor geogr. nauk, otv. red.

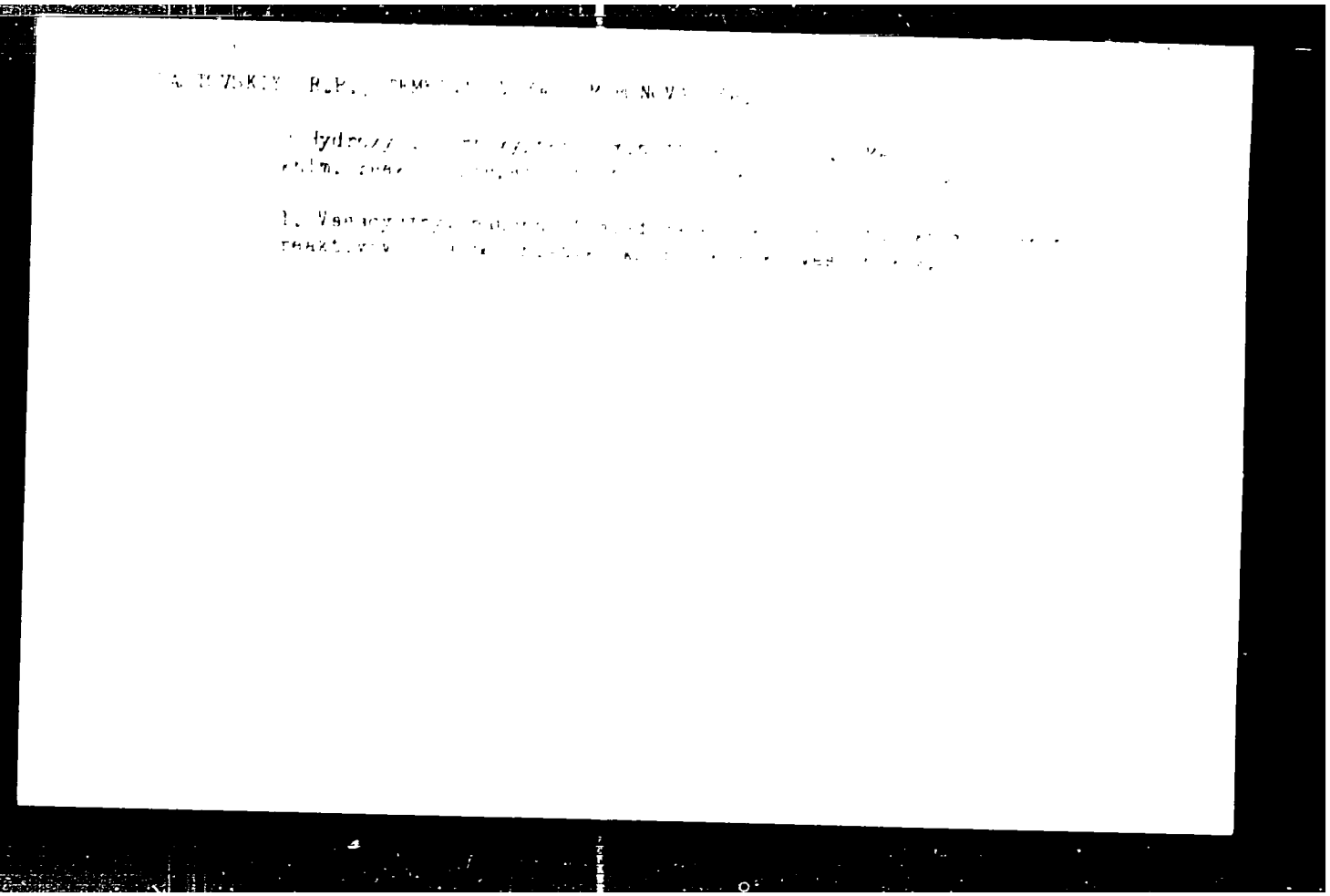
[Regionalization of the U.S.S.R. according to the main factors of erosion] Raionirovanie territorii SSSR po osnovnym faktoram erozii. Moskva, Nauka, 1965. 233 p. (MIRA 18:6)

1. Akademiya nauk SSSR. Institut geografii.

LASTOVSKIY, R.P.; KOLPAKOVA, I.D.; MIRONOVA, Ye.I.

Benzhydrylamine-N,N-diacetic acid. Met. poluch. khim. reak. i prepar. no.6:63-65 '62. (MIRA 17:5

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh reaktivov i osobo chistykh khimicheskikh veshchestv.



MEYTINA, R.A.; MIRONOVA, Ye.I.; NISNEVICH, E.D.; SHAPOVALOVA, V.Ya.; SHERDUKALOVA, L.F.

New methodology for the determination of acid-base equilibrium of the organism and its use in open-heart surgery. Eksper. khir. i anest. 7 no.5:29-36 S-O '62. (MIRA 17:10)

1. Iz laboratorii funktsional'noy diagnostiki (zav. G.G. Gel'shteyn) Instituta serdechno-sosudistoy khirurgii (dir.- prof. S.A. Kolesnikov, nauchnyy rukovoditel'- akademik A.N. Bakulev) AMN SSSR.

MIRONOVA, Ye. M. and GURAL', L. L. (Cand Med Sci)

"Serum Alkaline Phosphatase as an Indicator of the Saturation of the Organism with Vitamin C in Dysentery," Klin. Med., No.2, pp 66-68, 1952

Biochem. Lab., Inst. Infectious Diseases, Acad Med Sci USSR

Translation W-23198, 11 Jul 52

GROMASHEVSKAYA, L.L., kand.med.nauk; MIRONOVA, Ye.M. (Kiyev)

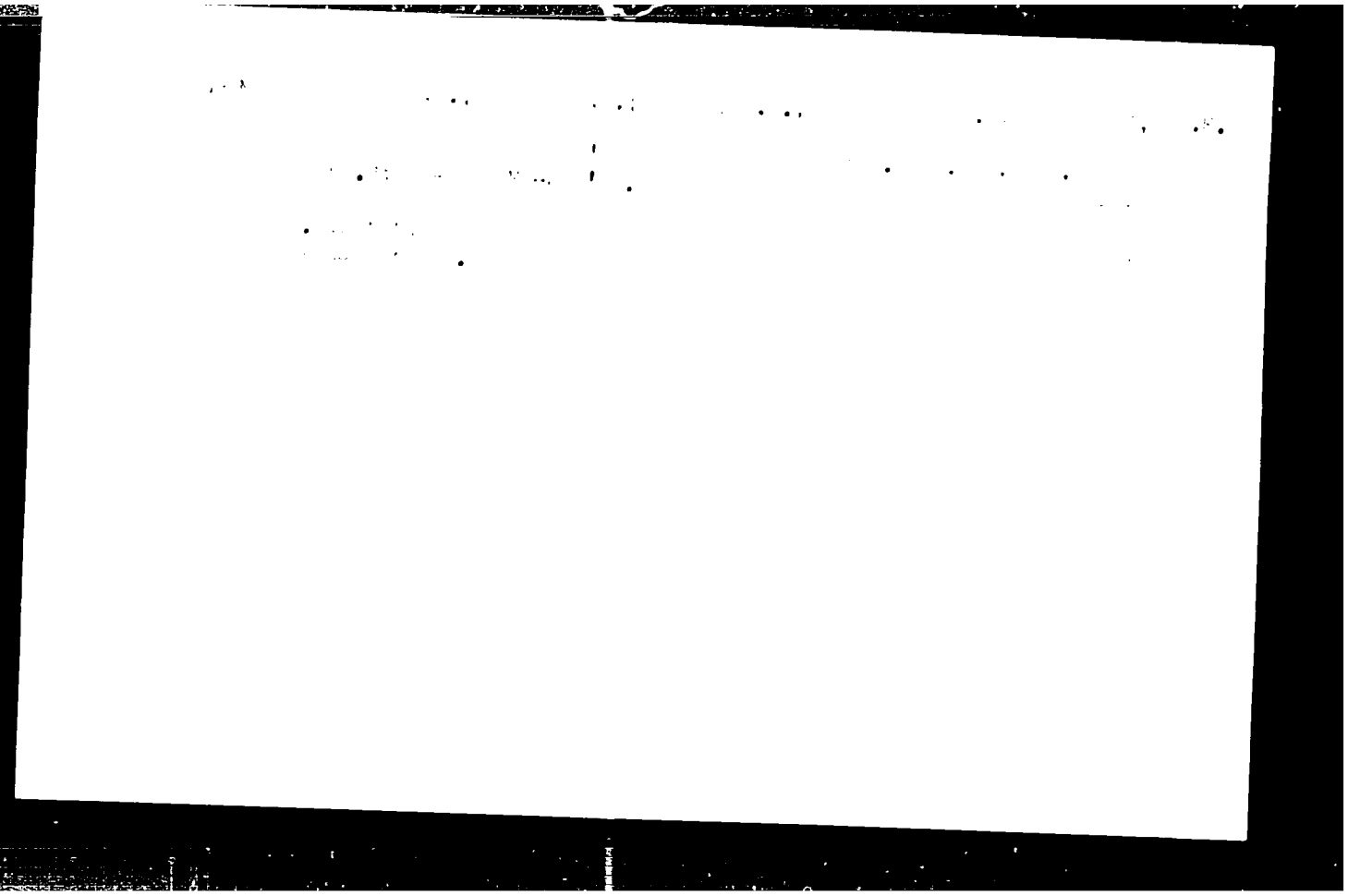
Sulfathiazole in the organism of patients with acute dysentery. Klin.med. 35 [i.e.34] no.1 Supplement:31 Ja '57. (MIRA 11:2)

1. Iz biokhimicheskoy laboratorii immunotdela (zav. - chlen-korrespondent Akademii nauk USSR prof. N.N.Sirotinin) Instituta infektsionnykh bolezney AMN SSSR (dir. - prof. L.I.Bogdanov)
(DYSENTERY) (SULFATHIAZOLE)

GROMASHEVSKAYA, L.L.; GETTE, Z.I.; TATYANKO, N.V.; DEMCHENKO, V.N., MIRONOVA, Ye.M.

Enzymic reactions in differential diagnosis of infectious hepatitis and mechanical jaundice. Vop.med. virus. no.9:[illegible] 337 '64.

1. Institut infektsionnykh bolezney Ministerstva zdravookhraneniya UkrSSR.



1. MIRONOVA, Ye. N.

2. USSR (600)

4. Millet

7. Damage to proso millet by thrips, Sel.i sem. 20 No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April

[illegible], Fr. I.

"Agriculture in England." Sub [illegible] Jun 51, Moscow Oblast Pedagogical Inst.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

MINAKOV, Ivan Fedorovich; ONIKIYENKO, Vladimir Vasil'yevich [Onykiienko, V.V.]; ONISHCHENKO, P.D., otv. za vypusk; MIRONOVA, Ye.V. [Myronova, IE.V.], red.; MUZICHKO, G.I. [Muzychko, H.Y.], tekhred.

[Chernovtsy Province; economic and geographical outline] Chernivets'ka oblast'; ekonomiko-geografichnyi narys'. [Manual for geography teachers] Posibnyk dlia vchyteliv geografii. Chernivtsi, obl.vyd-vo, 1958. 101 p. (MIRA 12:9)
(Chernovtsy Province--Economic conditions)

MIRONOVA, Ye. V.

30(5)

AUTHOR: Parkhomenko, I.I. SOV/10-59-4-27/29

TITLE: First Conference to Study the Development of Productive Forces of the Stanislavskiy ekonomicheskiy administrativnyy rayon (Stanislav Economic District)

PERIODICAL: Izvestiya Akademii nauk SSSR, [illegible]ya geograficheskaya, 1959, Nr 4, pp 156-1[illegible] (USSR)

ABSTRACT: The article covers the First Inter-Vuz Conference to Study the Development of Productive Forces of the Stanislav Economic District and Methods to Conduct Economic and Geographical Research on the National Economy which took place in Chernovtsy from 6 to 10 April, 1959. The conference was organized by the Ministerstvo vysshego obrazovaniya [illegible] (Ministry of Higher Education of the [illegible]), the Chernovitskiy gosudarstvennyy universitet (Chernovtsy State University), and the Sovet narodnogo khozyaystva (Economic Council) of the Stanislav Economic District, with more than 10[illegible] scientists, specialists, engineers, economists, education [illegible] kers participating who heard [illegible] reports. The [illegible] ing personalities delivered reports: [illegible], Head of the Chernovtsy State University, held an opening address; I.V. Romanov, Deputy Chairman of the Stanislav Economic Council, lectured on the future development of that district during [illegible]; [illegible] Chikivenko - on "The Industrial Complex of the Stanislav Economic District and Its Economic Prospects in the Future" and "Basic Laws in the Development and Geographical Distribution of Agricultural Production in the Carpathian areas of the Ukrainskaya SSR"; [illegible] Ignatenko - on "The Present-Day Specialization Level in the Chemical Industry of the Stanislav Economic District and Its Future Development"; Ye.V. Mironova - on "The Industry of Chernovtsy and Its Future Development"; Ya.[illegible] [illegible]skiy and [illegible] Bondarenko - on "The Food Resources and Timber Industry of the Stanislav Oblast' and Their Future Prospects"; V.A. Perevalov, L'vovskiy torgovo-ekonomicheskiy institut (L'vov Institute of Commerce and Economics), elucidated on "The Teaching of V.I. Lenin on the Territorial Division of Labor as a Base for the Modern Theory of Division of the USSR Into Economic Districts"; S.L. Lutskiy, L'vov University - on "The Methods of Division Into Low-Level Economic Districts"; I.I. Parkhomenko, Institut nauchnoy informatsii AN SSSR (Institute of Scientific Information, AS USSR), - on "The Location and Nature of Economic and Geographical Research on Various Stages at Working Out Development Schemes of Economic Districts";

Card 1/6

Card 2/6

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001134

GASILIN, V.S.; MIRONOVA, Yu.P.

Vectorcardiographic changes in rheumatic heart lesions. Terap. arkh. 31 no.7:43-48 Jl '59. (MIRA 12:11)

1. Iz kafedry propedevtiki vnutrennikh zabolevaniy (zav. - prof. S.V.Shestakov) Kuybyshevskogo meditsinskogo instituta.
(VECTORCARDIOGRAPHY)
(RHEUMATIC HEART DISEASE)

GASALIN, V.S.; MIRONOVA, Yu.P.

Significance of vectocardiography in the diagnosis of coronary insufficiency with disorders of intraventricular conductivity. Terap. arkh. 32 no. 4:26-29 S '60. (MIRA 14:1)
(CORONARY HEART DISEASE) (HEART BLOCK)
(VECTOCARDIOGRAPHY)

GASILIN, V.S.; MIRONOVA, Yu.P.

Use of the vectorcardiographic method in the diagnosis of acquired heart defects. Klin.med. 38 no.6:50-53 Je '60.
(MIRA 13:12)

(VECTORCARDIOGRAPHY) (HEART—DISEASES)

MIRONOVA, Yu.P.

Arrhythmias in coronary insufficiency, their diagnosis and prognostic significance. Kardiologiia 2 no.2:77-80 Mr-Ap '62. (MIRA 15:4)

1. Iz kliniki propedevtiki vnutrennikh bolezney (zav. - prof. S.V. Shestakov) Kuybyshevskogo meditsinskogo instituta (dir. - kand.med. nauk D.A.Voronov).

(ARRHYTHMIA) (CORONARY HEART DISEASE)

TOKAREVA, A. M.; MIRONOVA, Yu. P.

New vasodilating substance — erinit. Vrach. delo no.3:139-140 Mr '62. (MIRA 15:7)

1. Kafedra propedevtiki vnutrennikh bolezney (zav. - prof. S. V. Shestakov) Kuybyshevskogo meditsinskogo institu'a.

(VASODILATORS)

MIRONOVA, Yu.S.

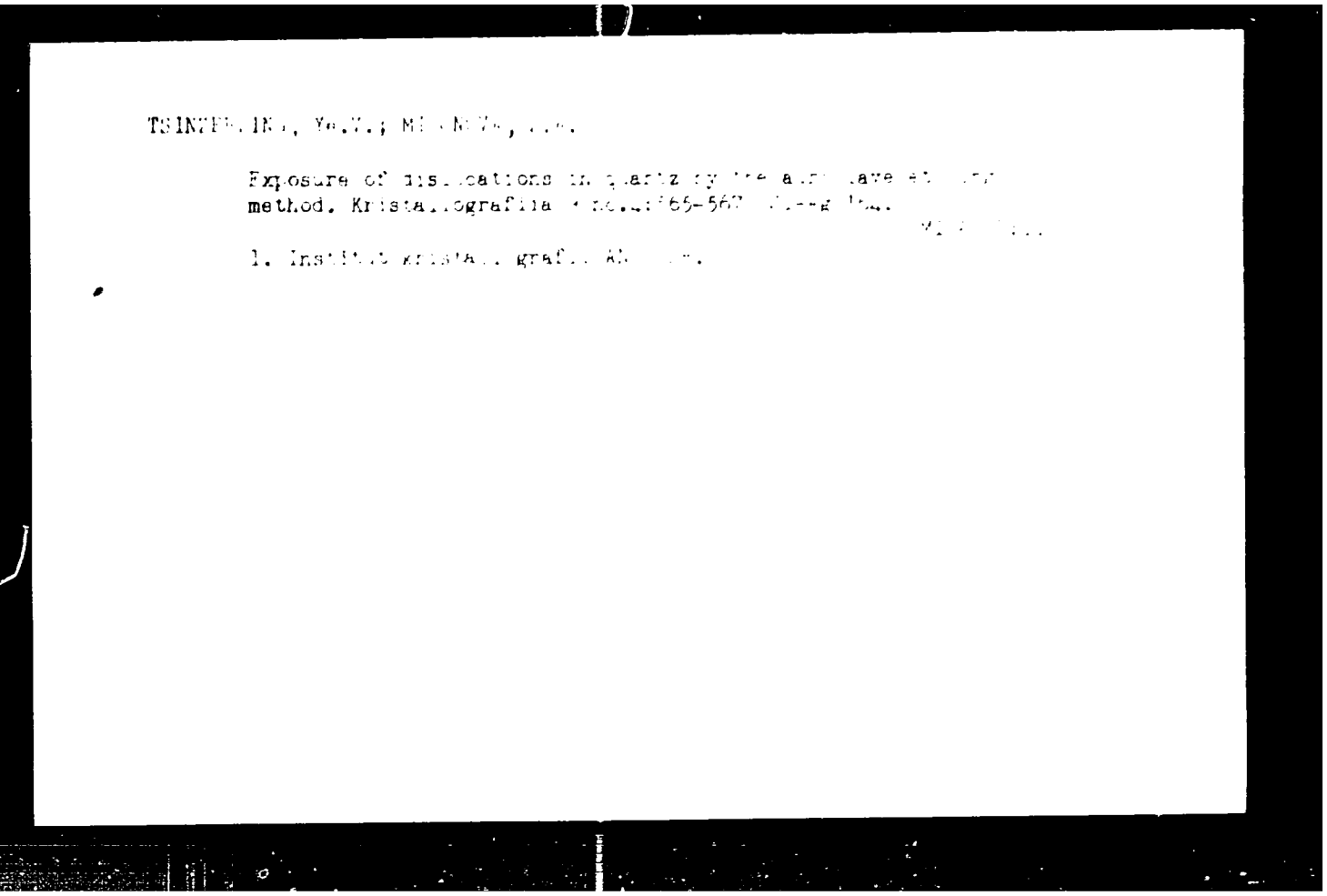
Species of the Juneberry Amelanchier Medic introduced by the Botanical Garden of the Academy of Sciences of the Uzbek S.S.R. in Tashkent Oasis. Introd.i akklim.rast. no.1:197-212 '62.
(MIRA 16:2)

(Tashkent—Juneberry)

MIRONOVA, Yu.S.

Winterhardiness of North American tree and shrub species in the Tashkent Oasis. Vop.biol.i kraev.med. no.3:77-81 '62.
(MIRA 16:3)

(TASHKENT--WOODY PLANTS) (TASHKENT--PLANTS--FROST RESISTANCE)



TSINTS[illegible], Ye.V.; M[illegible], ...

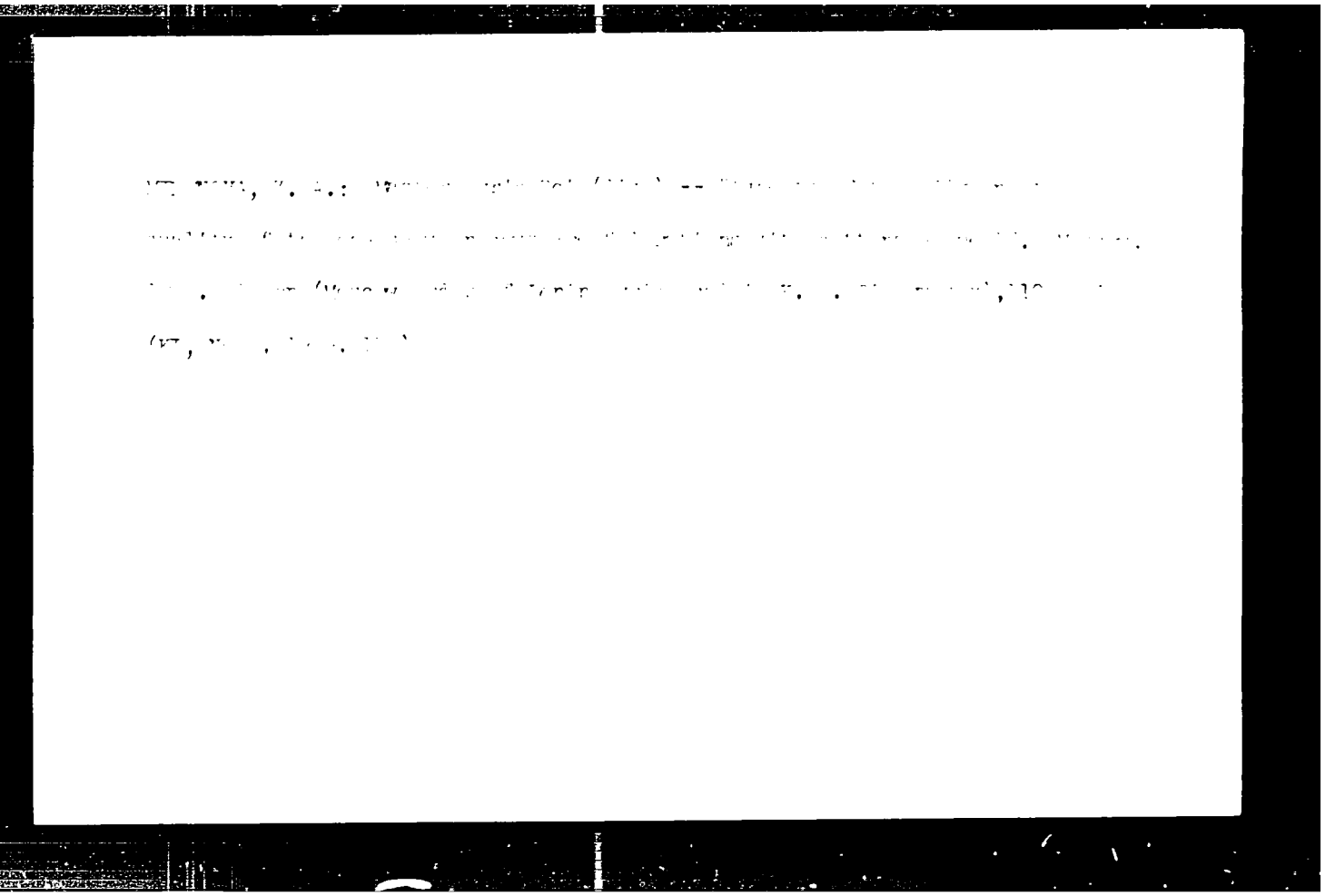
Exposure of dislocations in quartz by the ... wave ... method. Kristallografiia ... 565-567 ...

1. Institut kristallografii AN ...

TSINZERLING, Ye.V.; MIRONOVA, Z.A.

Disclosure of dislocations in quartz by the method of selective etching. Kristallografiia 8 no.1:117-120 Ja-F '63
(MIRA 17:7)

1. Institut kristallografii AN SSSR.



S/070/63/008/001/022/024
E132/E460

AUTHORS: Tsinzerling, Ye.V., Mironova, Z.A.

TITLE: Revealing dislocations in quartz by the method of selective etching

PERIODICAL: Kristallografiya, v.8, no.1, 1963, 117-120

TEXT: The usual etch for quartz, known since 1855, is HF generated by CaF_2 and sulphuric acid. Solutions of sodium or potassium carbonates at 125 to 150°C also etch slowly. Other etches, potassium sulphate with KF, metaphosphoric acid with NaCH, borax, potassium and magnesium carbonates etc, are known and have various etching characteristics. Attempts have now been made to reduce the activity of HF to make a selective etch. Two successful mixtures were: (1) 40% HF in water (time of etching 2 to 3 hours) and (2) the same mixture with boric acid in the ratio of 10:1 (time of etching 3 to 20 hours). The activity can be further decreased by using equal parts of the two acids. The points of emergence of dislocations can be detected as large etch pits on a background of smaller pits. Etch pits connected with deformation and with the α-β transformation were also found. There are 4 figures.

Card 1/2

S/070/63/008/001/022/024
Revealing dislocations ... E132/E460

ASSOCIATION: Institut kristallografii AN SSSR
(Institute of Crystallography AS USSR)

SUBMITTED: May 3, 1962

Card 2/2

ACCESSION NR: AP4043193 S/0070/64/009/004/0565/0567

AUTHORS: Tsinzerling, Ye. V.; Mironova, Z. A.

TITLE: Display of dislocations in quartz by etching in an autoclave

SOURCE: Kristallografiya, v. 9, no. 4, 1964, 565-567

TOPIC TAGS: quartz crystal, etched crystal, dislocation net, crystal growth

ABSTRACT: It has been found that etching in an autoclave can show up dislocations even on a cut surface of synthetic quartz. Etch figures of dislocation loops were observed on natural and synthetic quartz by the following method: The autoclave was filled 40--50% with a solution saturated with sodium carbonate or a mixture of the latter and alkali or borax, and the pressure was varied between 40 and 140 atm. The temperature was varied between 200 and 350°C. The experiment lasted 1.5--3 hours. Etching in a saturated solution of

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ACCESSION NR: AP4043193

sodium carbonate yields small but sufficiently clear etch pits. A mixture of equal parts of an $NaCO_3$ solution and a borax solution gives rise to a film which cannot be removed and prevents a clear view of the etch pits. Etching with a 5% solution of $NaCo_3$ and a 1% solution of NaOH does not yield sharply defined etch pits on all types of quartz. Two halves of the same cut, one etched by the method described above and the other by the usual method with a selective etchant (HF with H_3BO_3) at room temperature and atmospheric pressure, exhibited etch figures that were mirror images of each other. This indicates that they are due to a dislocation. Orig. art. has: 2 figures.

ASSOCIATION: Institut kristallografii AN SSSR (Institute of Crystallography, AN SSSR)

ENCL: 00

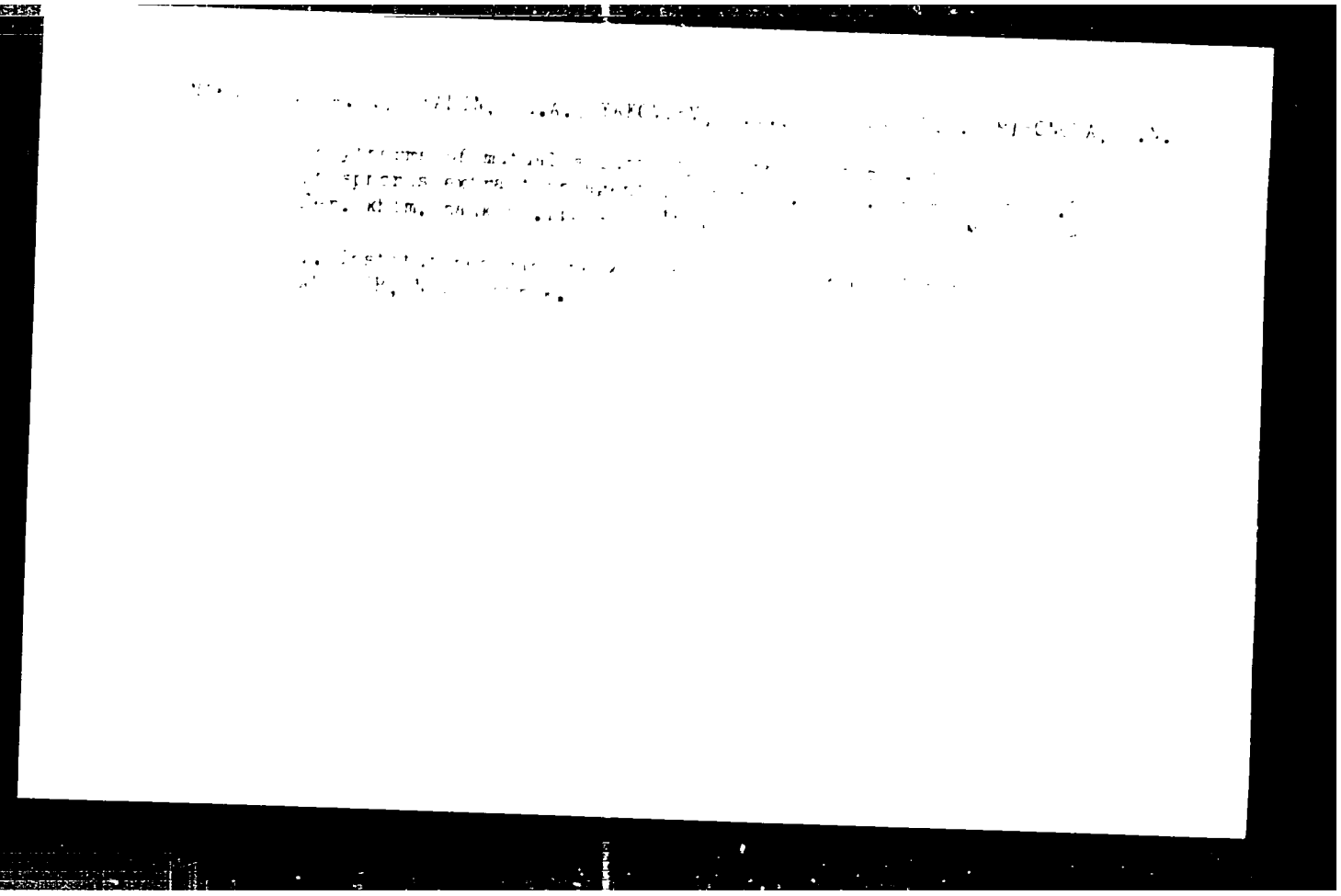
SUBMITTED: 09Mar64

OTHER: 005

NR REF SOV: 001

SUB CODE: SS

Card 2/2



USSR / Human and Animal Morphology, Normal and Pathological. S
General Problems.

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 35892

Authors : Ryabova, M. G.; Mironova, Z. S.

Inst : Kiev Institute of Physical Culture.

Title : Concerning the Anatomic Functional Changes of the Foot in Sportsmen Weight-lifters. (Report No. 1).

Orig Pub : Tr. Kievsk. in-ta fiz. kul'tury, 1957, vyp. 2, 98-101.

Abstract : In sixteen weight-lifters of different ages in all weight categories and of various durations in the sport's length of service, complex morphological and functional observations of foot changes at different physical loads were made. Significant displacement of hemodynamic indicators and the preponderance of flat-footedness in trained weight-lifters were not noticed. -- I. N. Mikhaylov.

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Mironova, Z. F.

AUTHORS: Mironova, Z. F., and D'yachkova, T. V.

TITLE: The Spectrophotometric Method of Measurement of the Albedo of Natural Bedding Surfaces (Spektrofotometricheskiy metod izmereniya al[illegible] yestestvennykh podstilayushchikh poverkhnostey).

PERIODICAL: Vestnik Leningradskogo Universiteta Seriya Fiziki i Khimii, 1957, Vol. 22, Nr 4, pp. 89-92 (USSR).

ABSTRACT: The study has been carried out spectrophotometrically, as exacter results can be achieved than with the lightfilter method. Examined were the surfaces: of a wheat field, of green grass, of dried grass, of black smoke and of a snow field at wave lengths of 400–850 mμ. With the wheat field the absorption band of the chlorophyl (650–7[illegible] mμ) showed up, even better still with the green grass, whereas with hay and the black smoke the spectral albedo rose monotonously. The next task will be the examination of a bigger range of surfaces as well as the day's course of the spectral albedo. There are 4 figures, and 11 references, 10 of which are Slavic.

SUBMITTED: March 29, 1956.

AVAILABLE: Library of Congress.

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